

Appendix A

Photosensor Performance Graphs

The numbering of the figures in this Appendix indicates the classroom space and photosensor conditions that are plotted on a particular graph. For example, *Figure A.1.COS.V1* stands for Appendix A, classroom 1, cosine sensor at photosensor position 1 (viewpoint 1). Classroom 1 has all photosensor locations on one graph since the glazing is diffuse and all daylight conditions lie along a straight line, so the photosensor position label ALL is used.

FIG. A.1.COS.ALL: Work plane illuminance versus photosensor signal for Classroom 1 for all four viewing positions with daylight and electric light. All other daylight conditions lie along the lines through the March 21, noon overcast sky points.

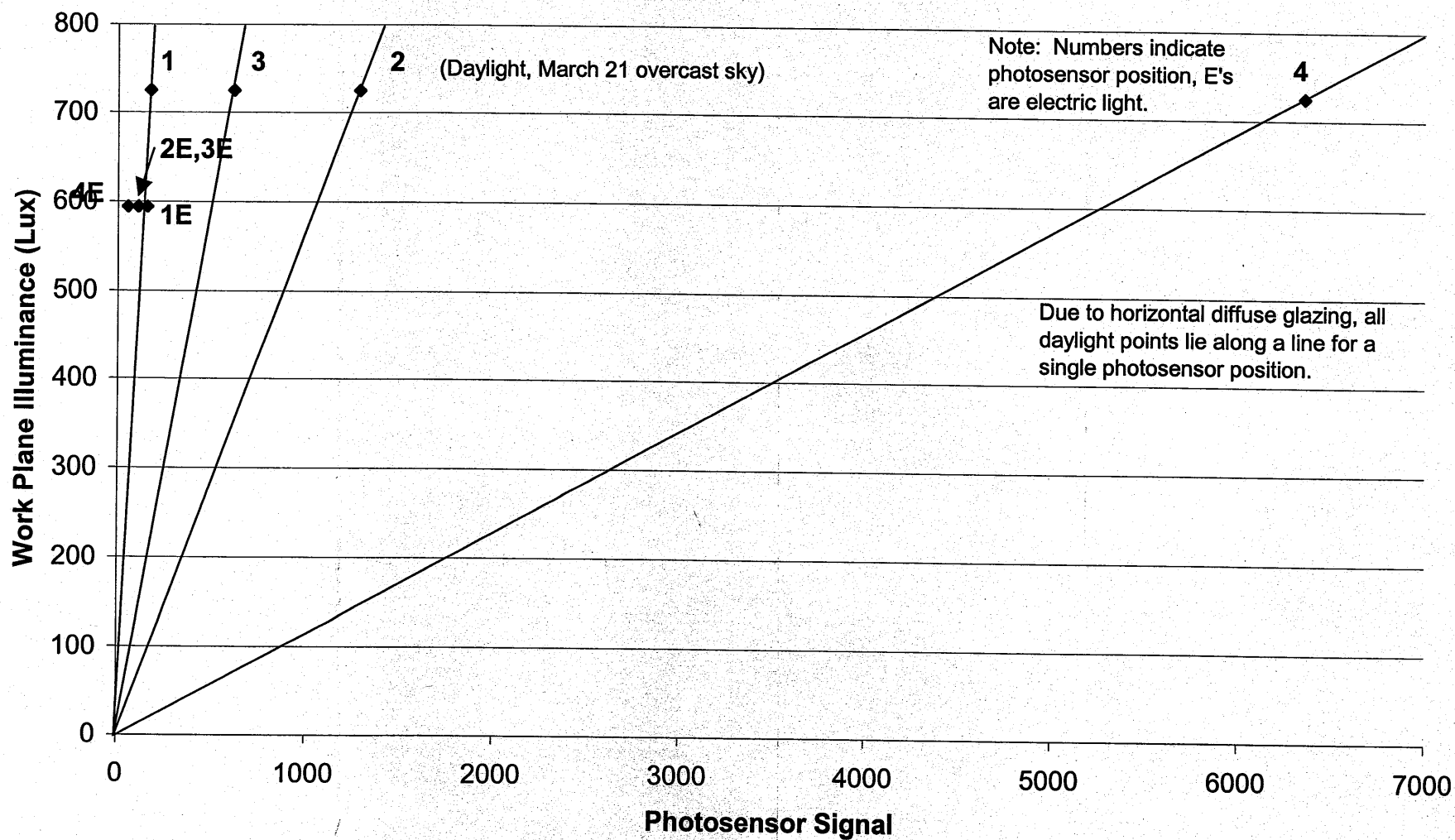


FIG. A.1.TWS-1.ALL: Work plane illuminance versus photosensor signal for all four viewing positions for daylight and electric light. A single daylight condition is shown since all other daylight conditions lie along the line through these points.

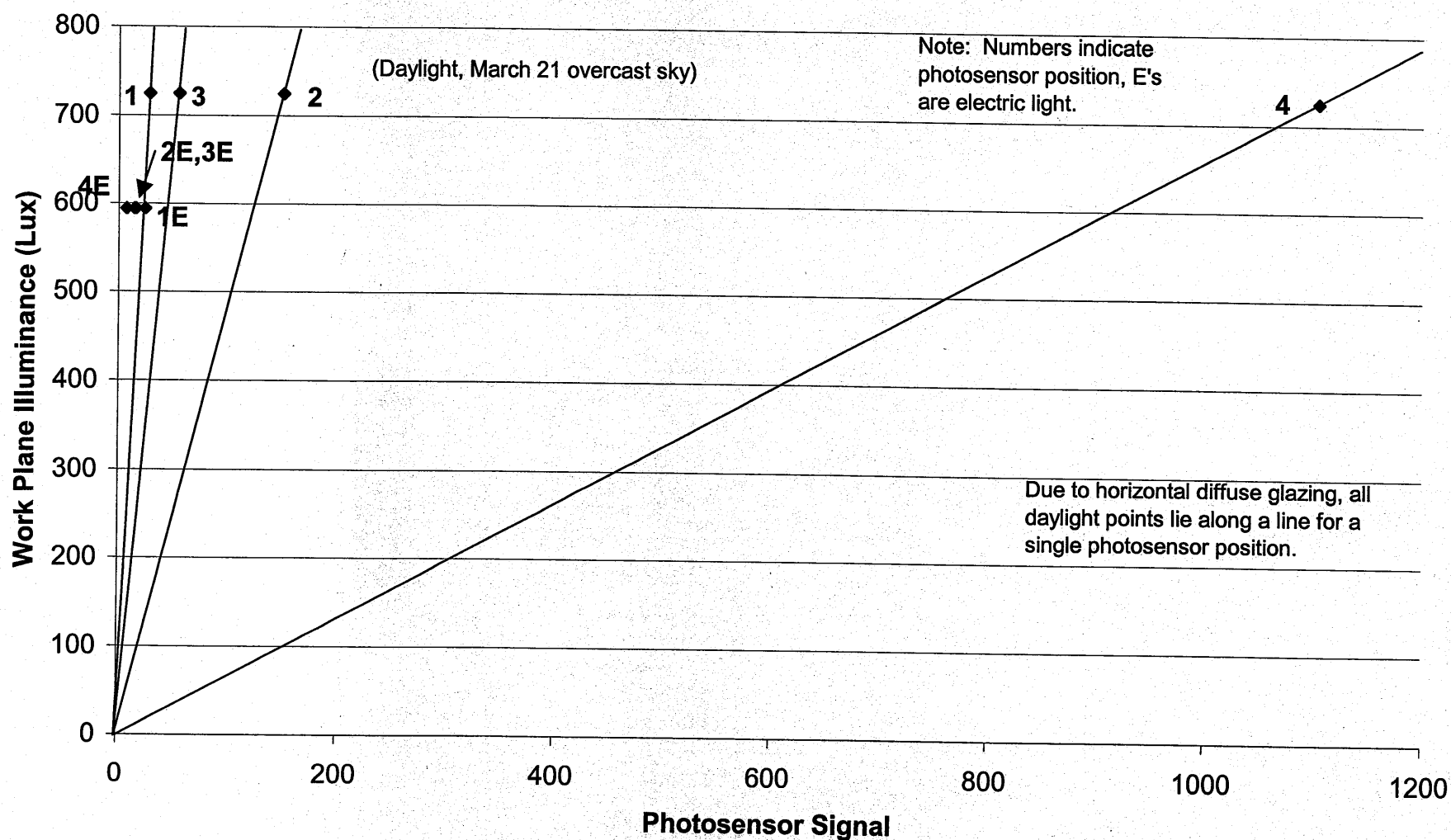


FIG. A.1.45COS.ALL: Work plane illuminance versus photosensor signal for Classroom 1 for all four viewing positions with daylight and electric light. All other daylight conditions lie along the line through these points

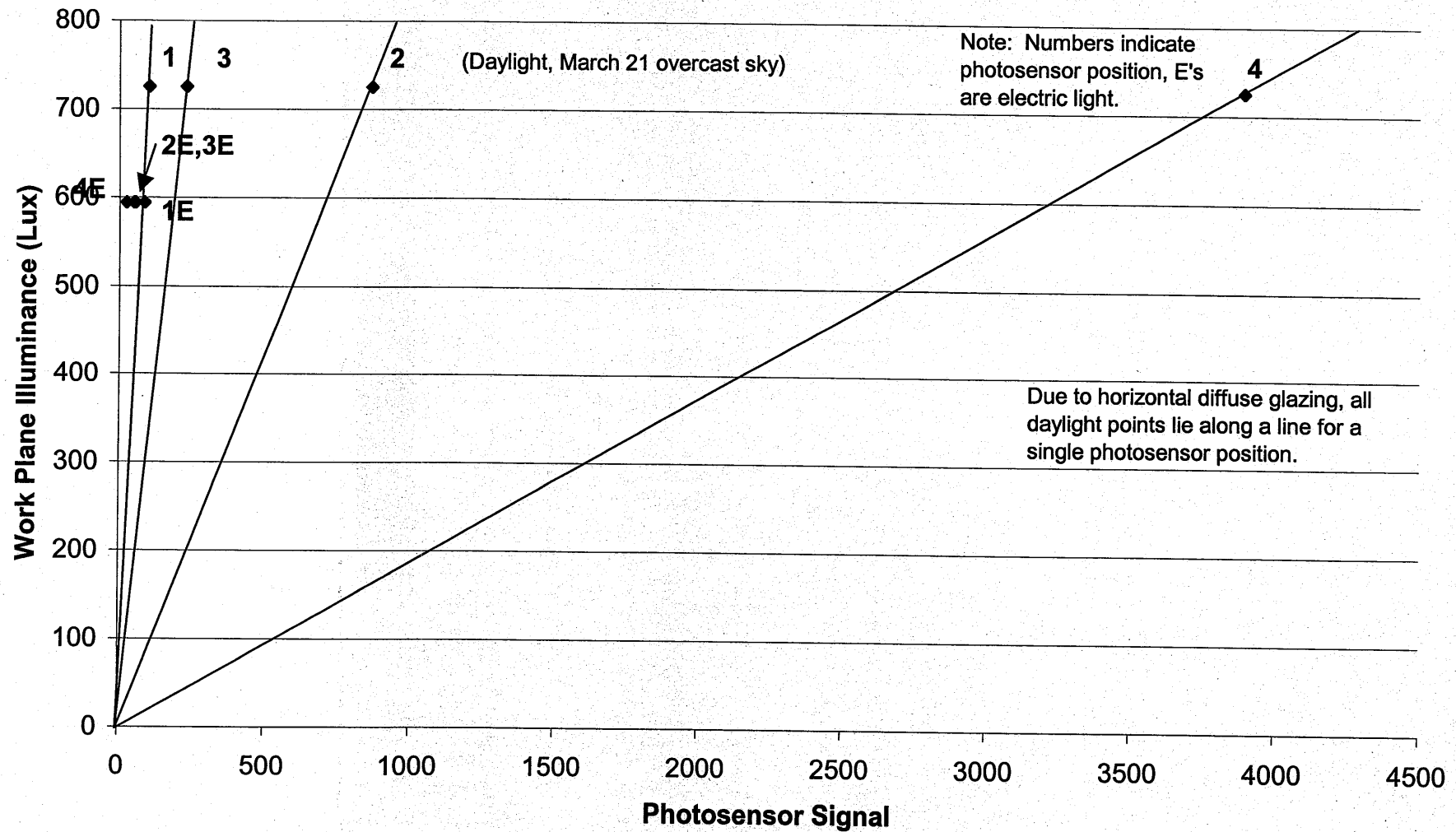


FIG. A.1.55COS.ALL: Work plane illuminance versus photosensor signal for Classroom 1 for all four viewing positions with daylight and electric light. All other daylight conditions lie along the line through these points

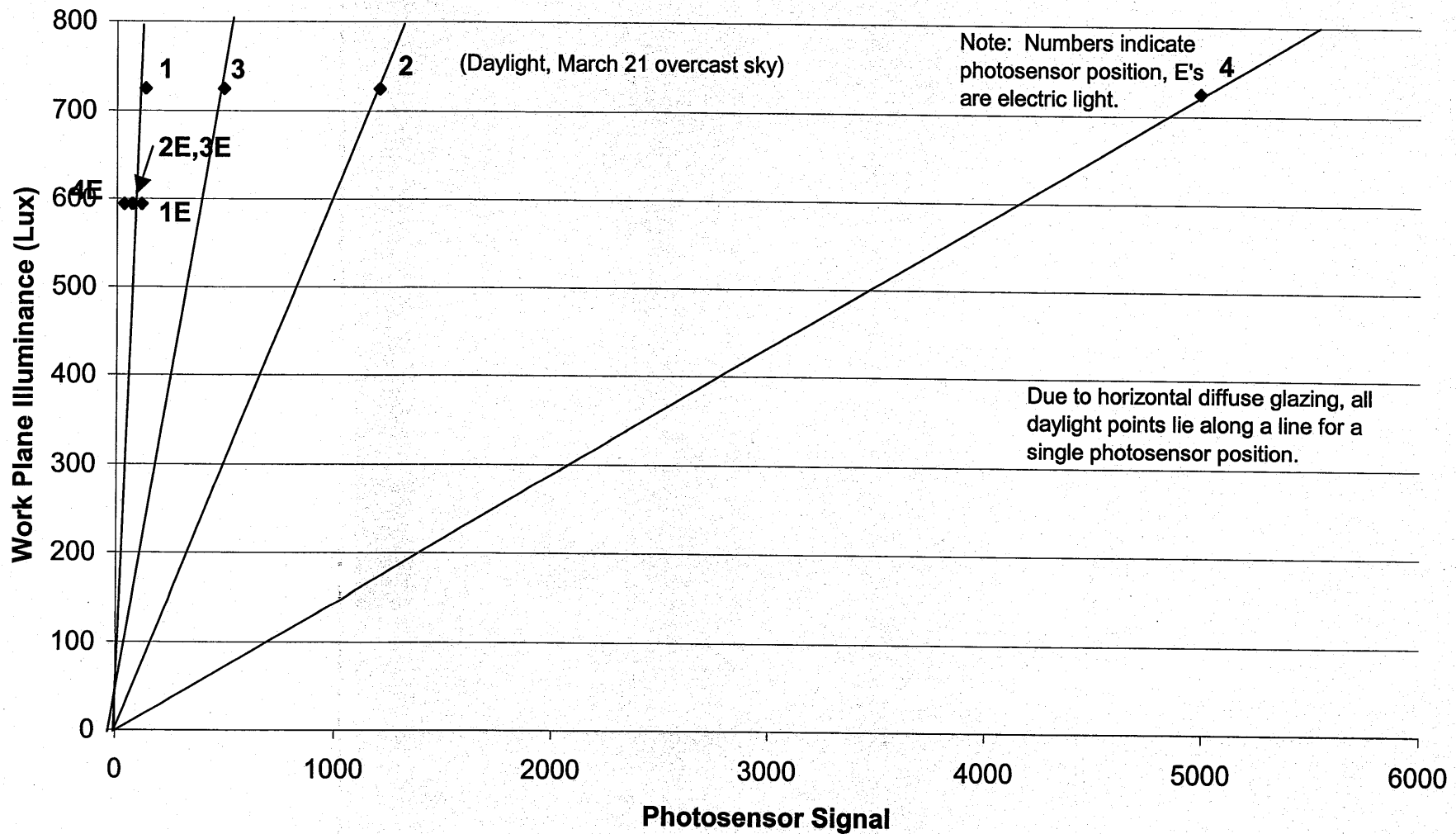


FIG. A. 2. COS.V1: Workplane illuminance versus photosensor signal for Classroom 2 with a cosine sensor at Postion #1

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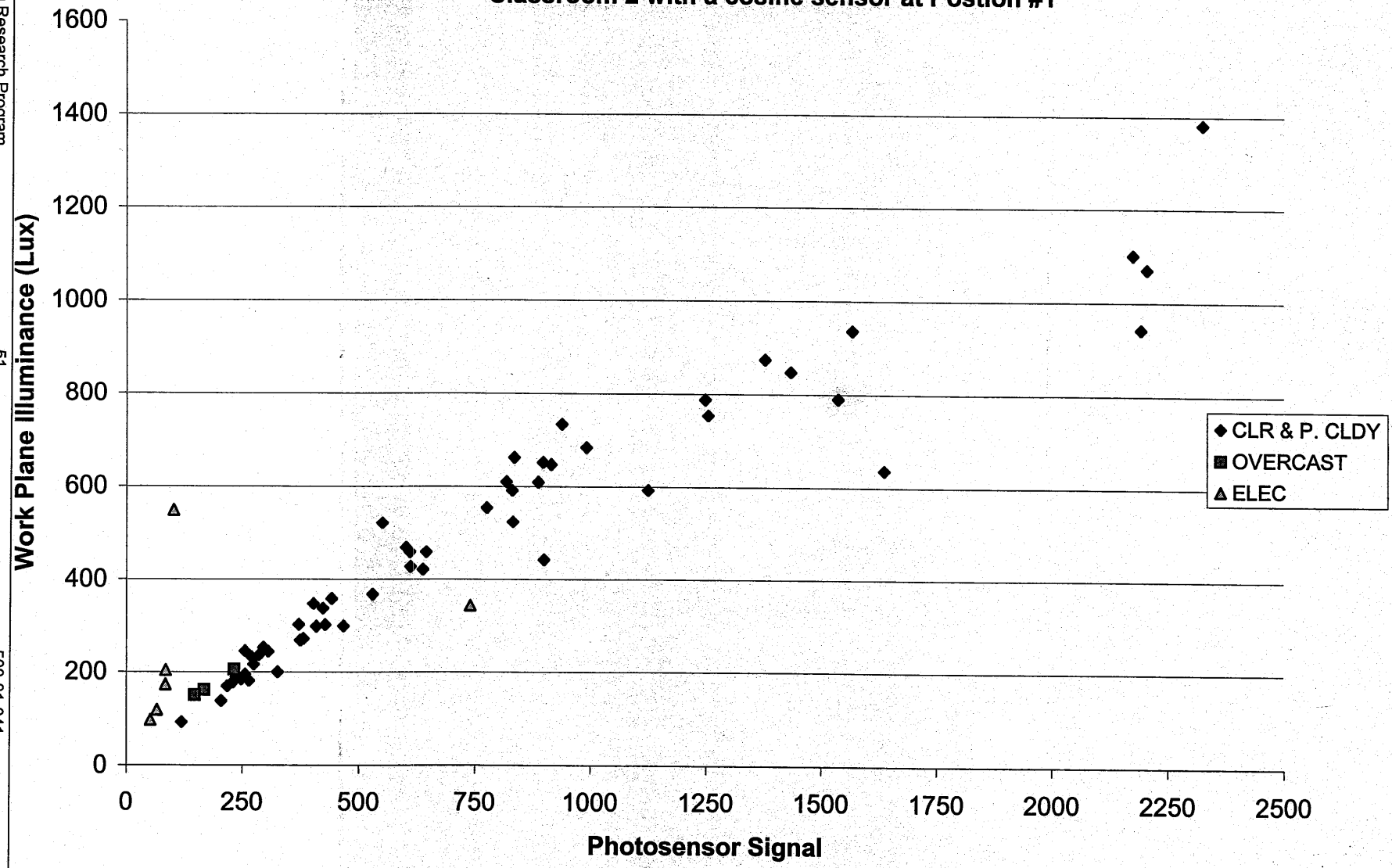


FIG. A. 2. COS.V2: Workplane illuminance versus photosensor signal for Classroom 2 with a cosine sensor at Postion #2

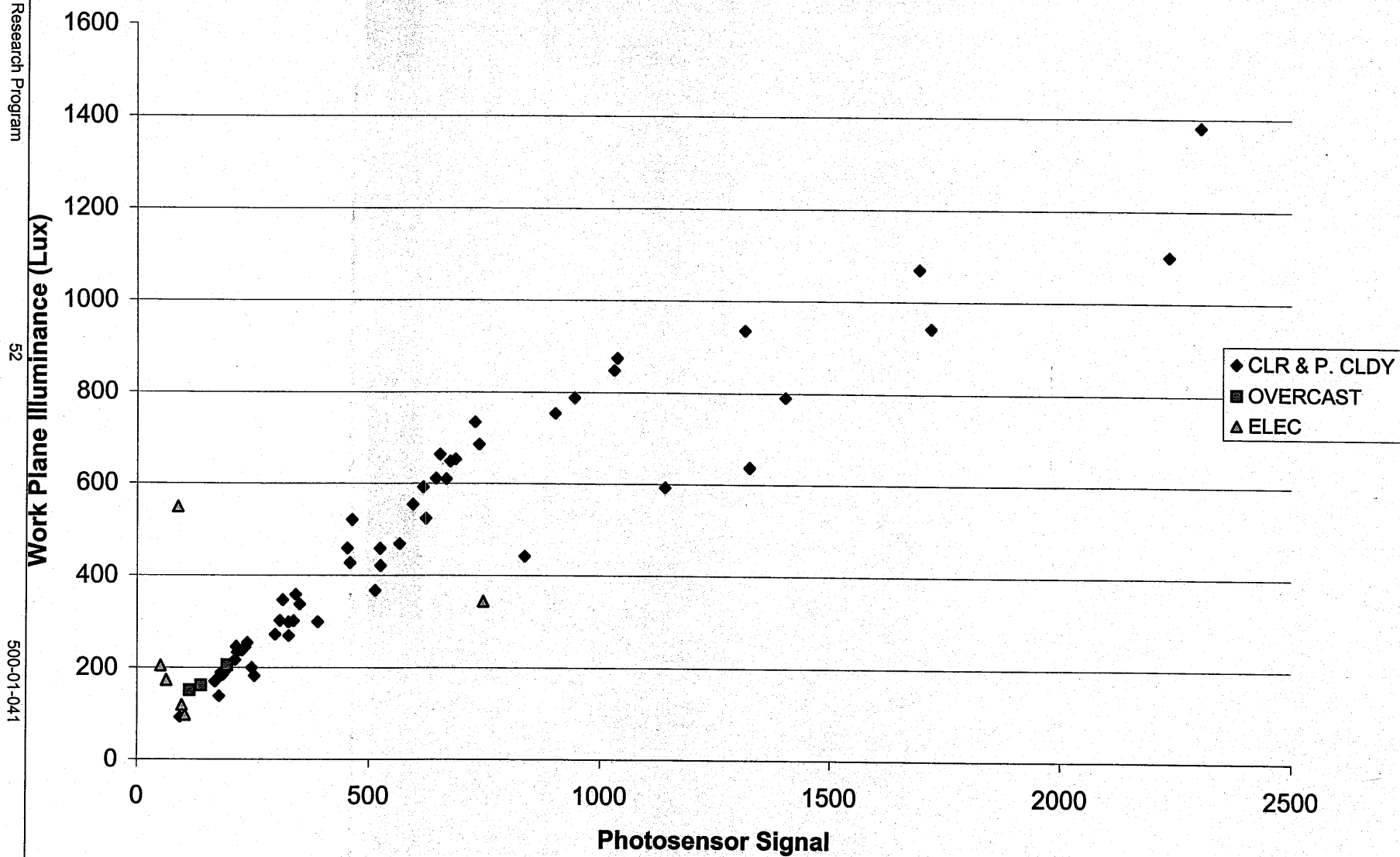


FIG. A. 2. COS.V3: Workplane illuminance versus photosensor signal for Classroom 2 with a cosine sensor at Postion #3

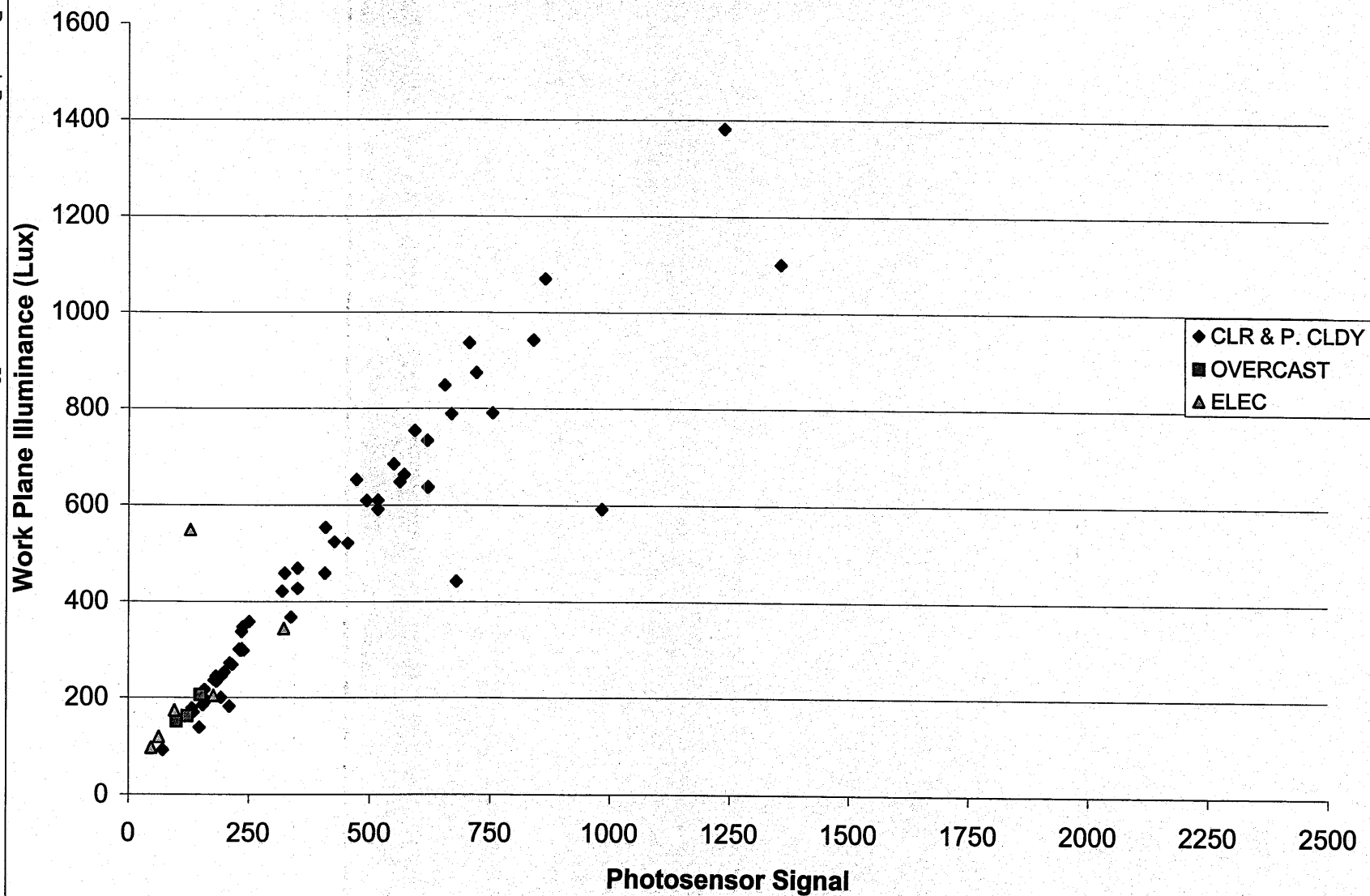


FIG. A. 2.TWS-1.V1: Workplane illuminance versus photosensor signal for Classroom 2 with a TWS-1 sensor at Position #1

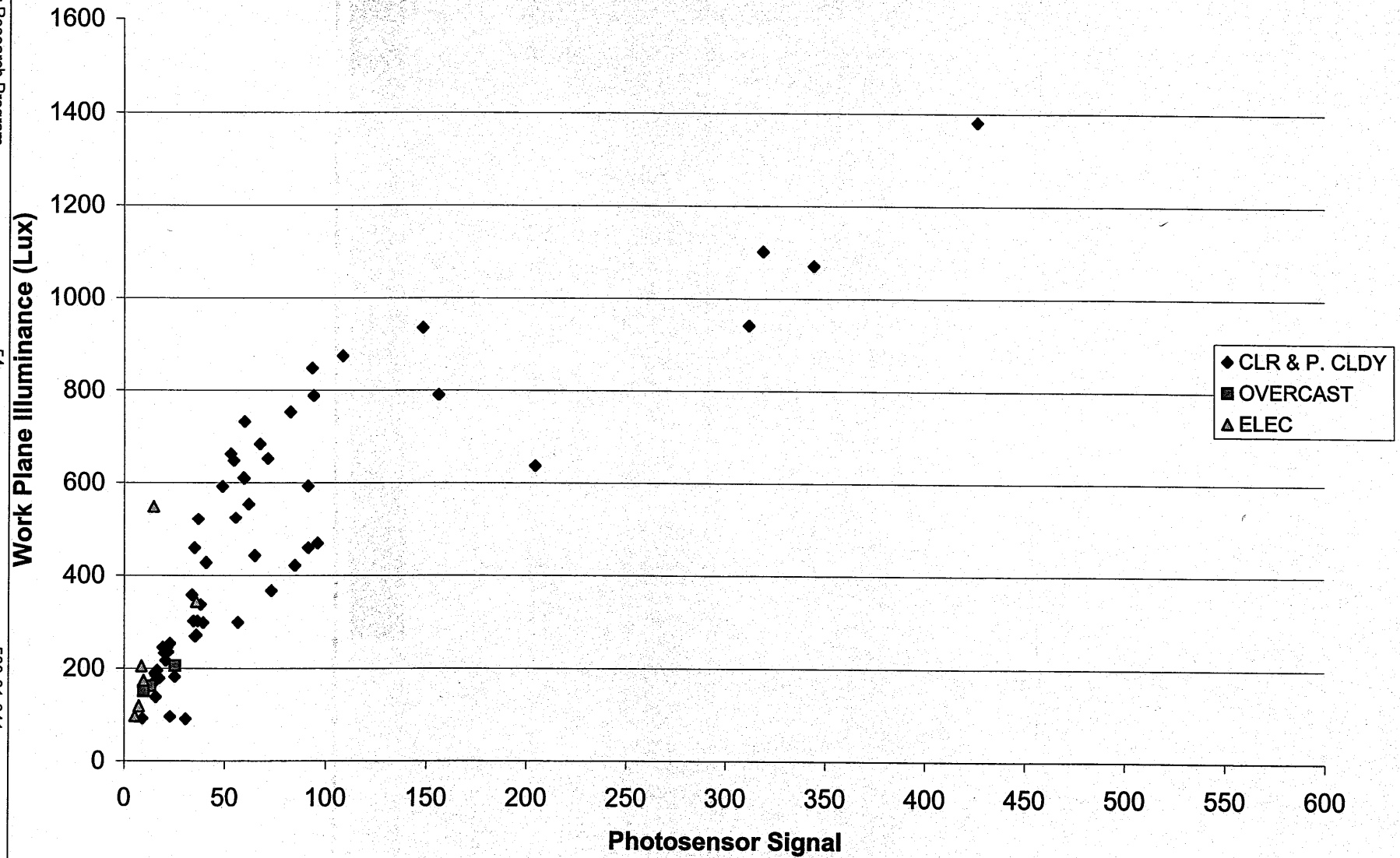


FIG. A. 2.TWS-1.V2: Workplane illuminance versus photosensor signal for Classroom 2 with a TWS-1 sensor at Position #2

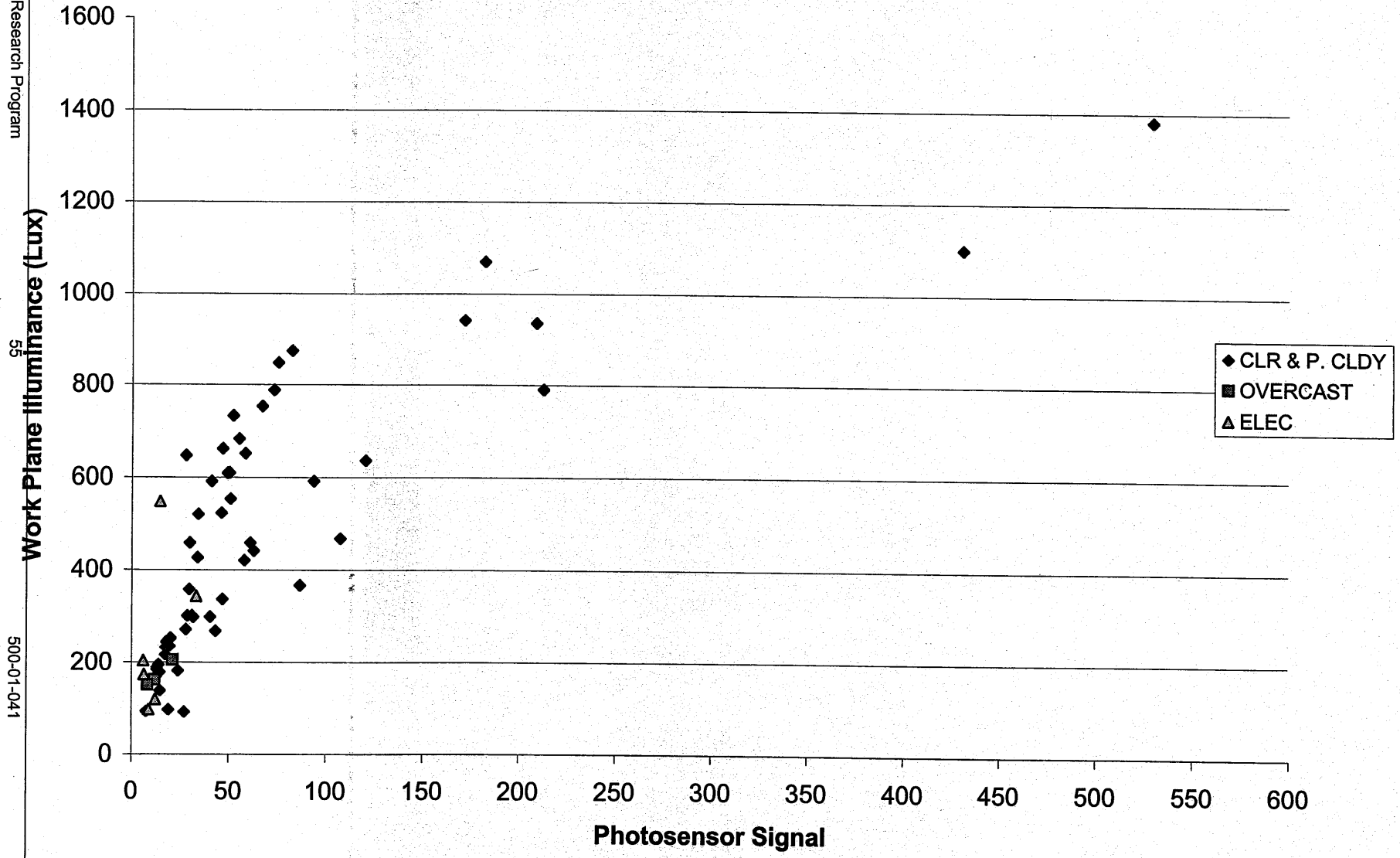


FIG. A. 2.TWS-1.V3: Workplane illuminance versus photosensor signal for Classroom 2 with a TWS-1 sensor at Position #3

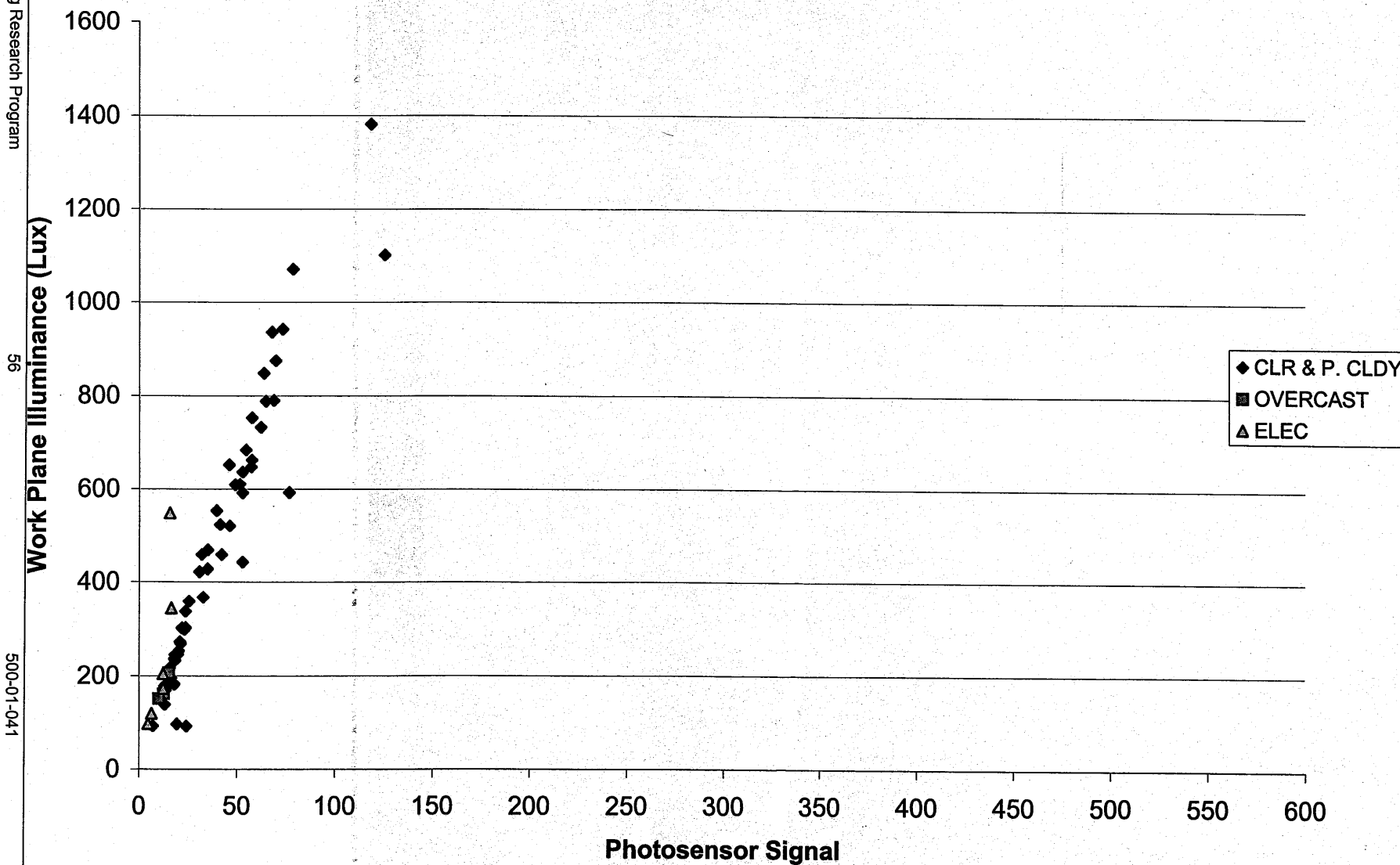


FIG. A.2.45COS.V1: Workplane illuminance versus photosensor signal for Classroom 2 with a 45cos sensor at Position #1

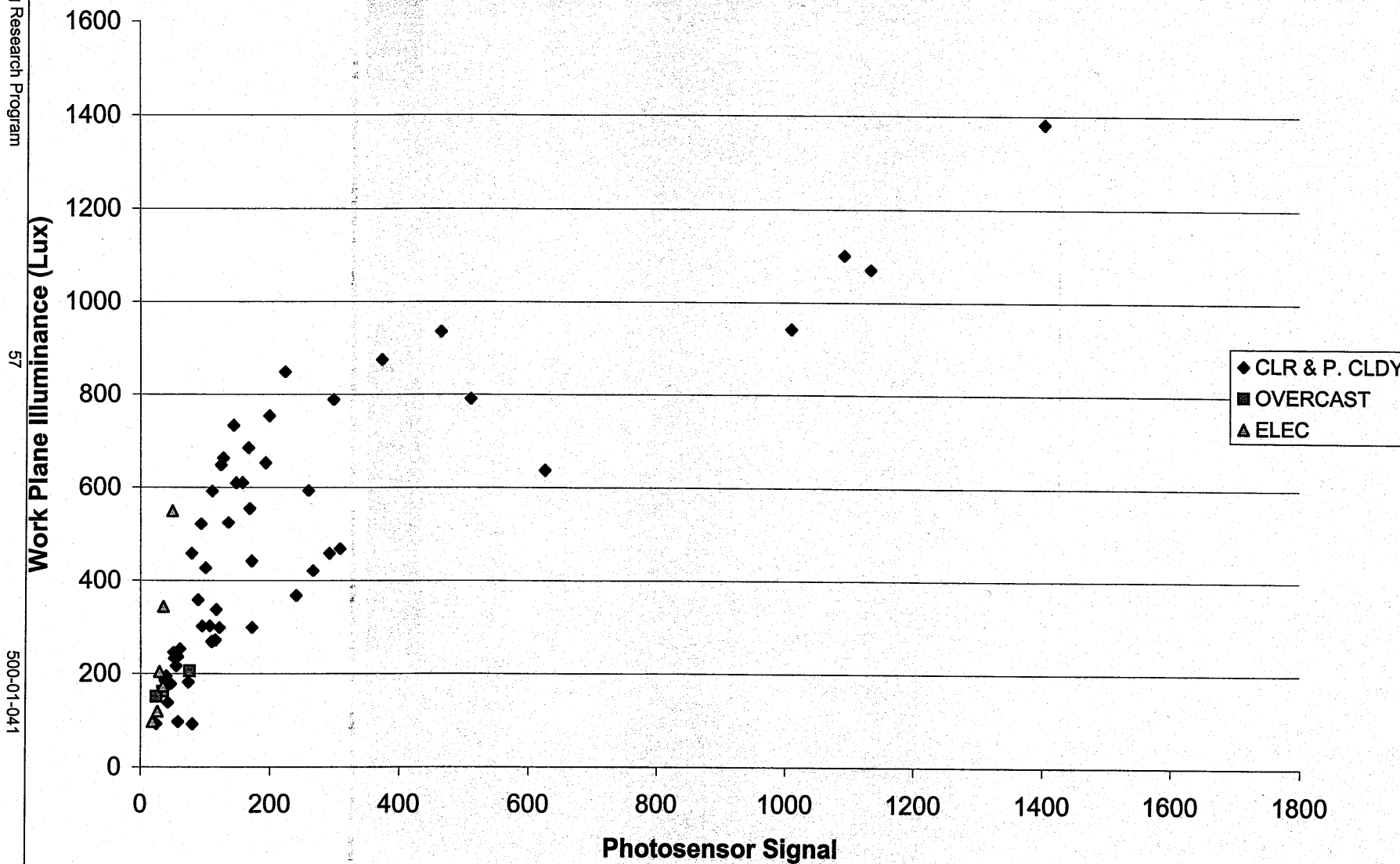


FIG. A.2.45COS.V2: Workplane illuminance versus photosensor signal for Classroom 2 with a 45cos sensor at Position #2

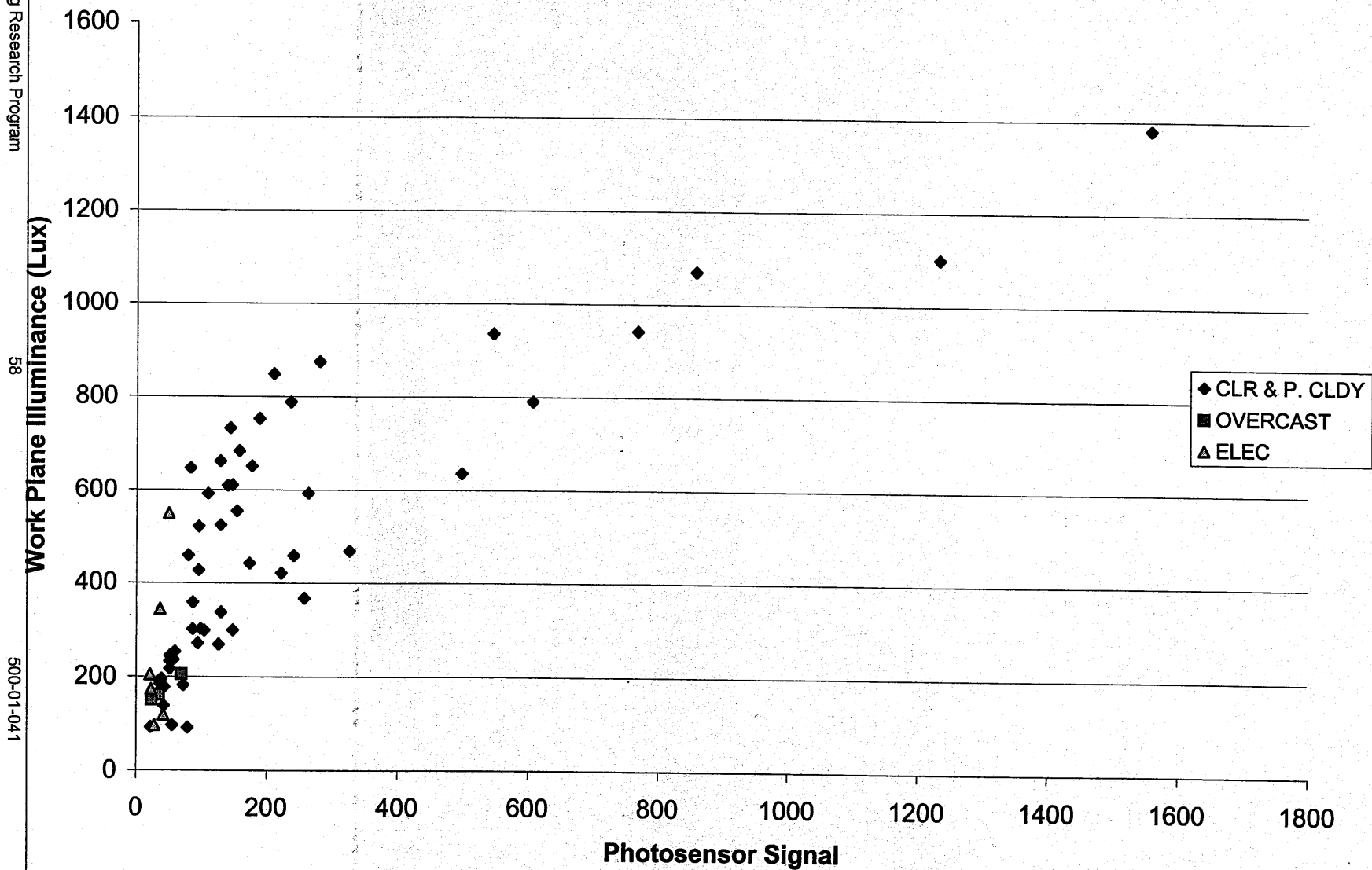
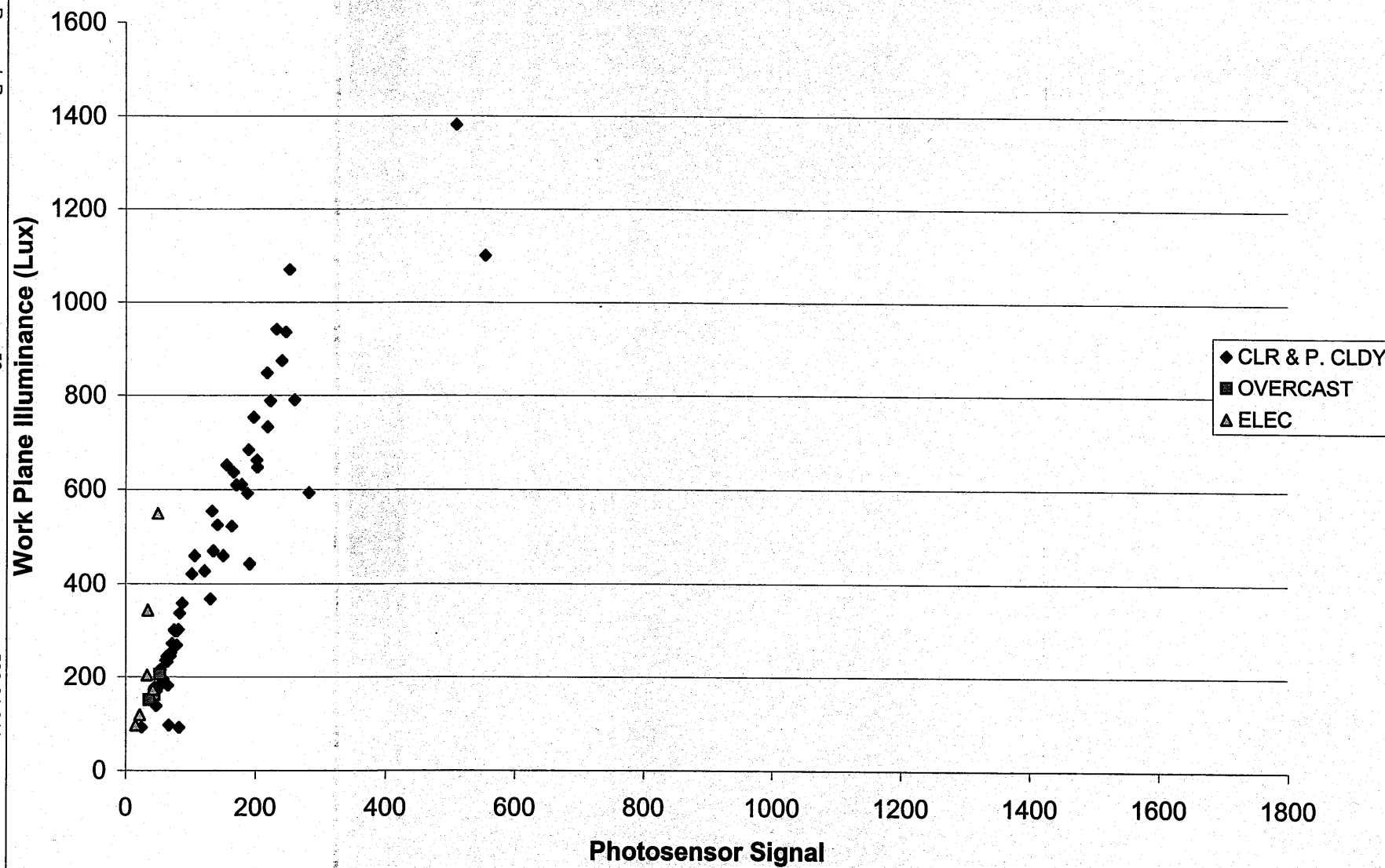


FIG. A.2.45COS.V3: Workplane illuminance versus photosensor signal for Classroom 2 with a 45cos sensor at Position #3



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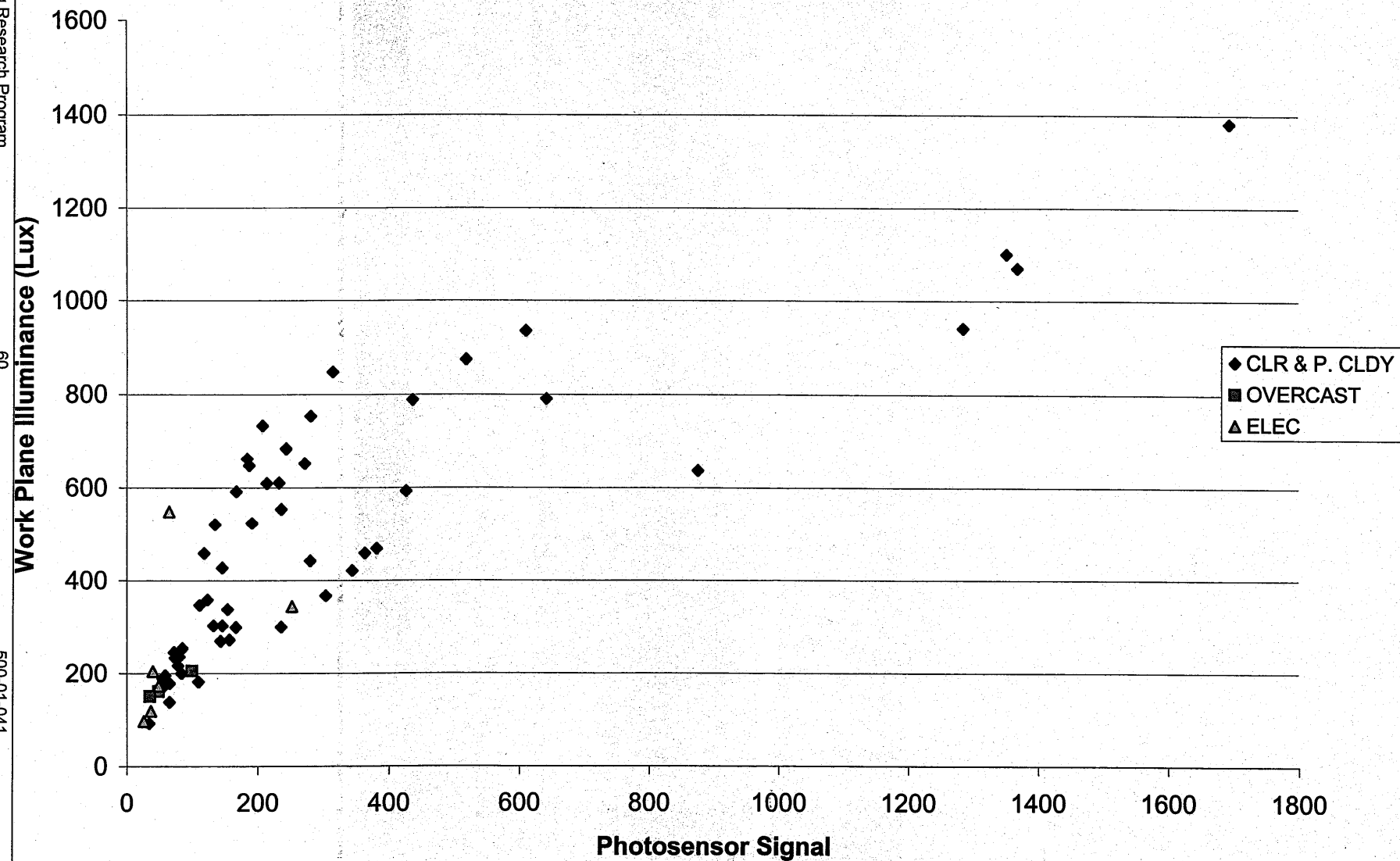
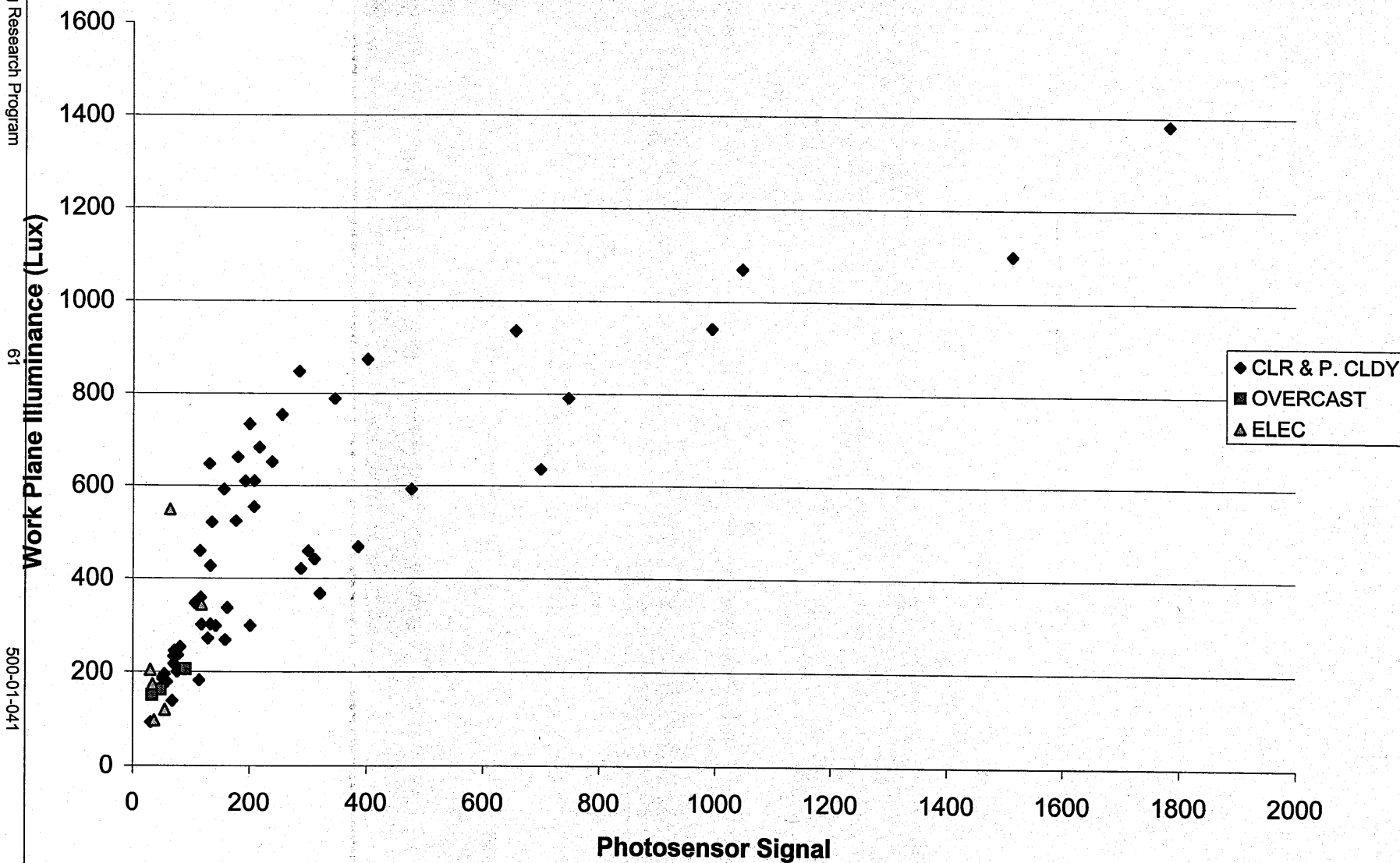


FIG. A.2.55COS.V2: Workplane illuminance versus photosensor signal for Classroom 2 with a 55cos sensor at Position #2



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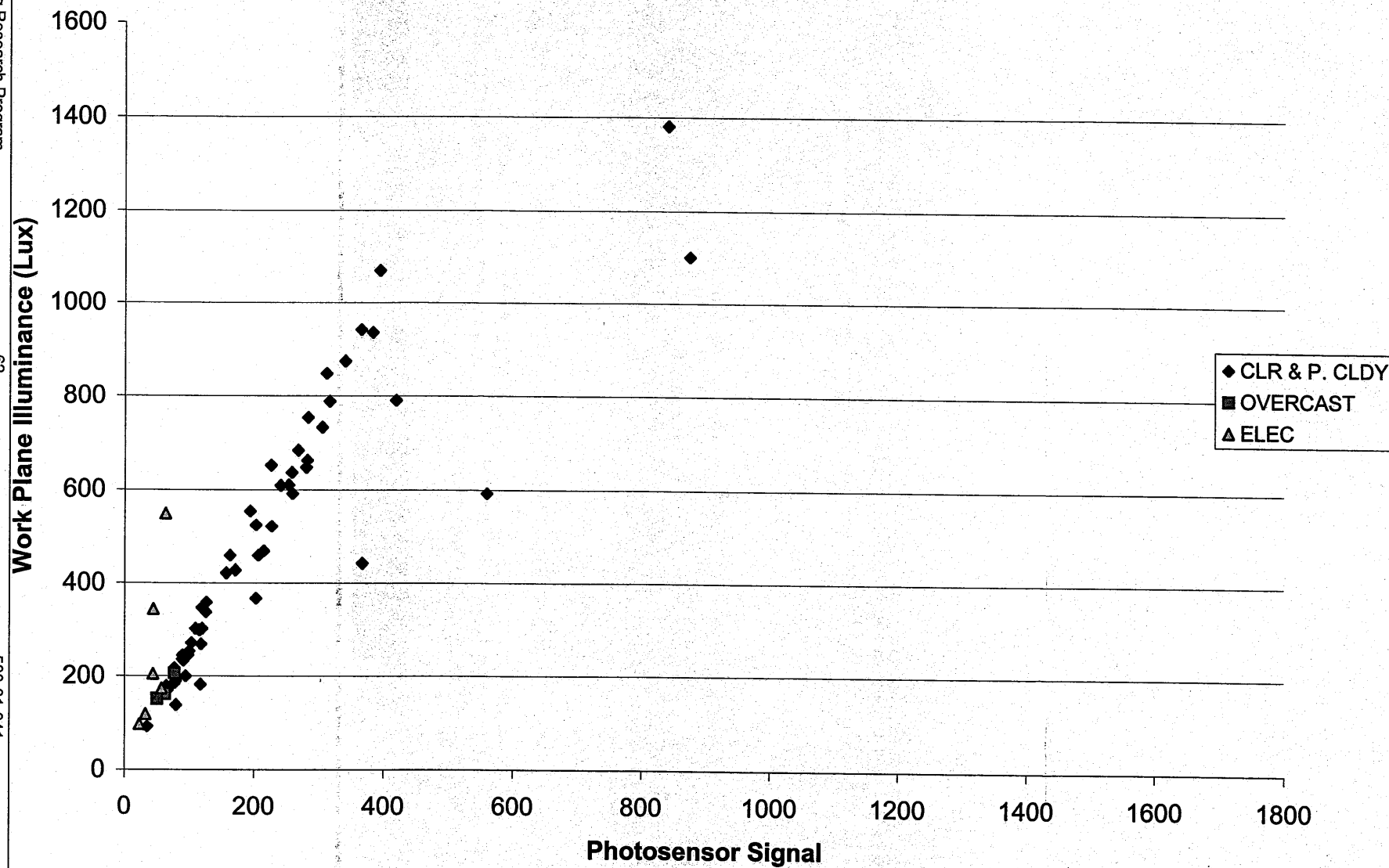


FIG. A. 3.COS.V1: Workplane illuminance versus photosensor signal for Classroom 3 with a cosine sensor at Position #1

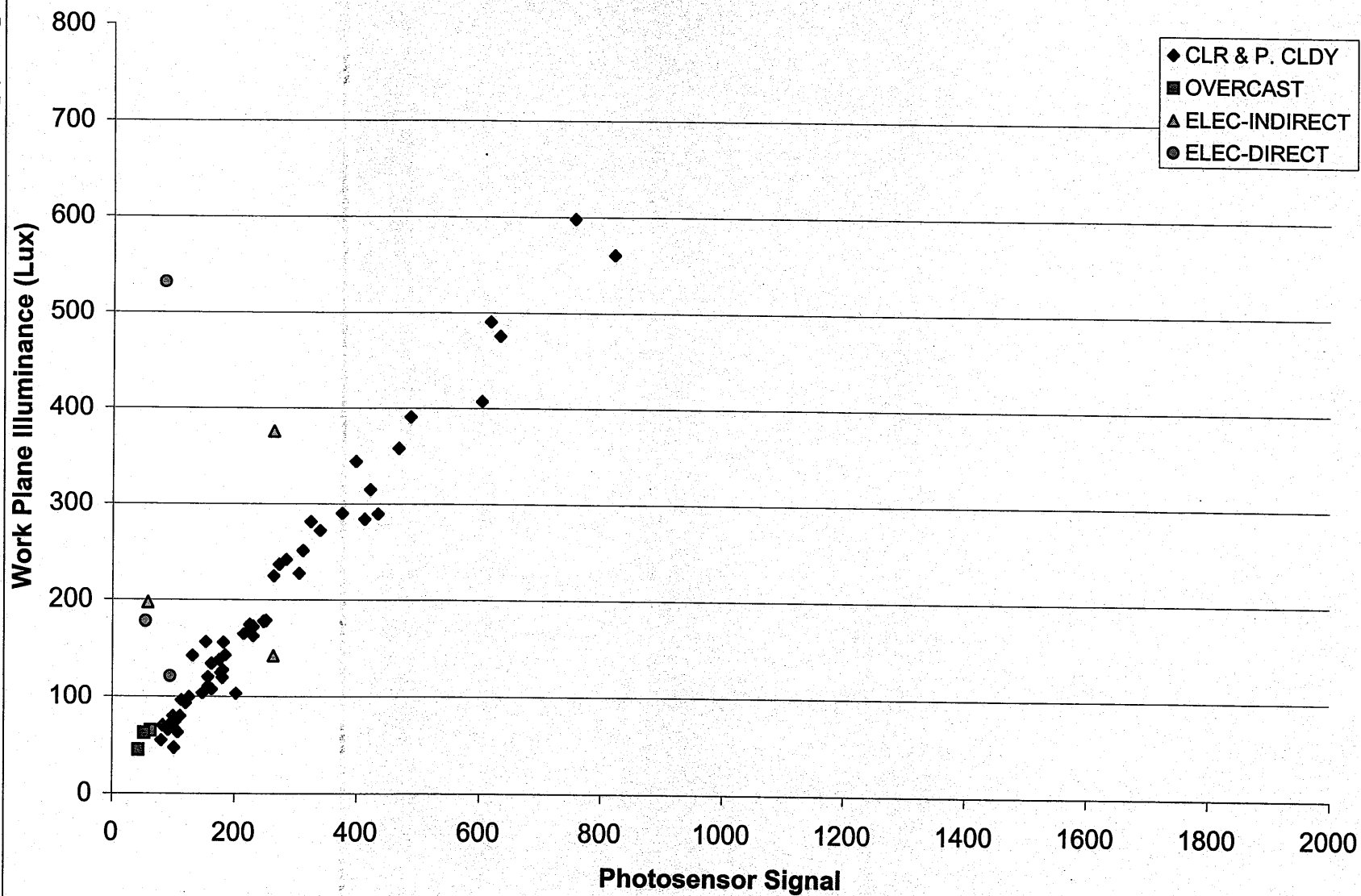


FIG. A. 3.COS.V2: Workplane illuminance versus photosensor signal for Classroom 3 with a cosine sensor at Position #2

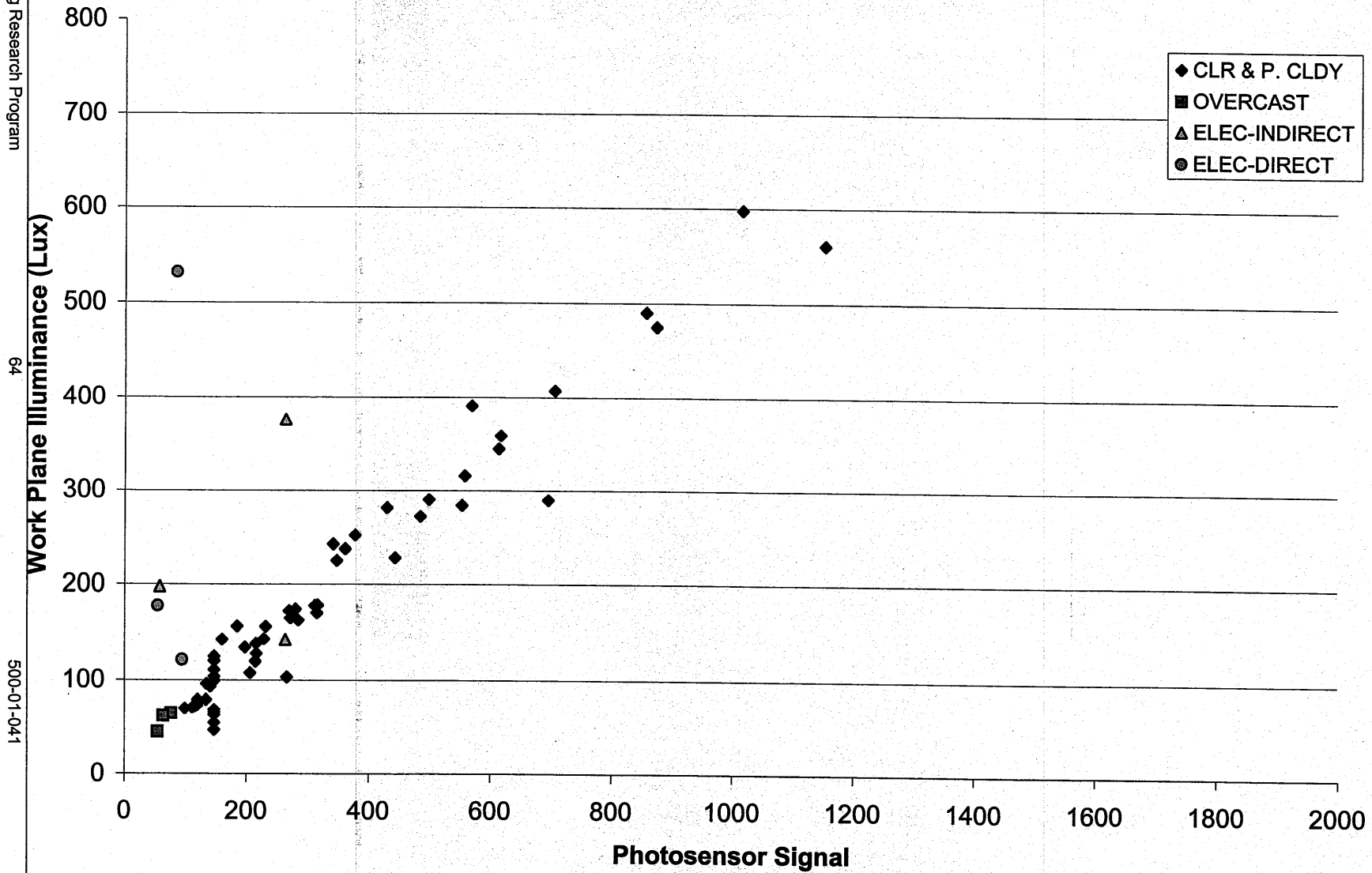
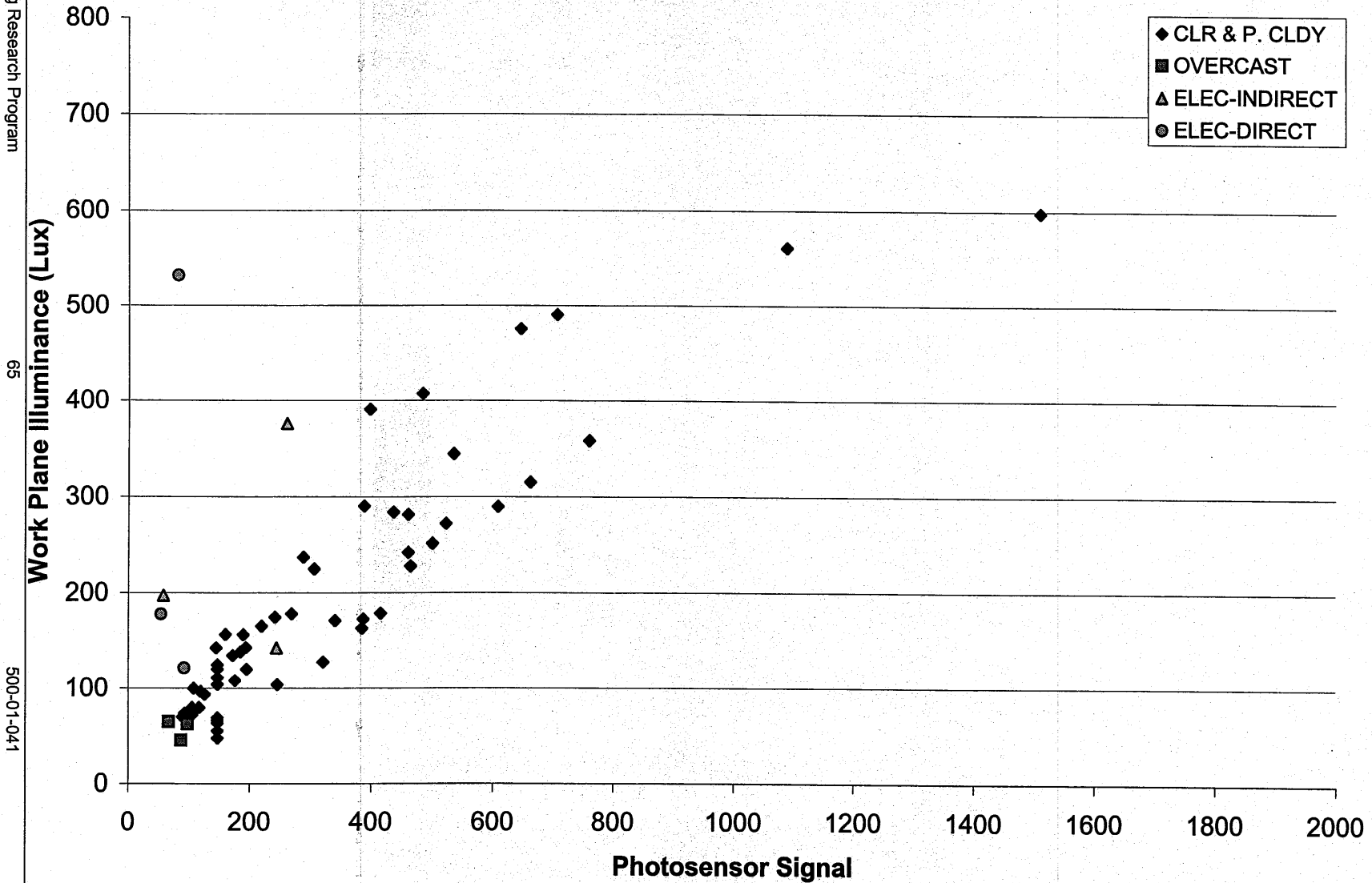


FIG. A. 3.COS.V3: Workplane illuminance versus photosensor signal for Classroom 3 with a cosine sensor at Position #3



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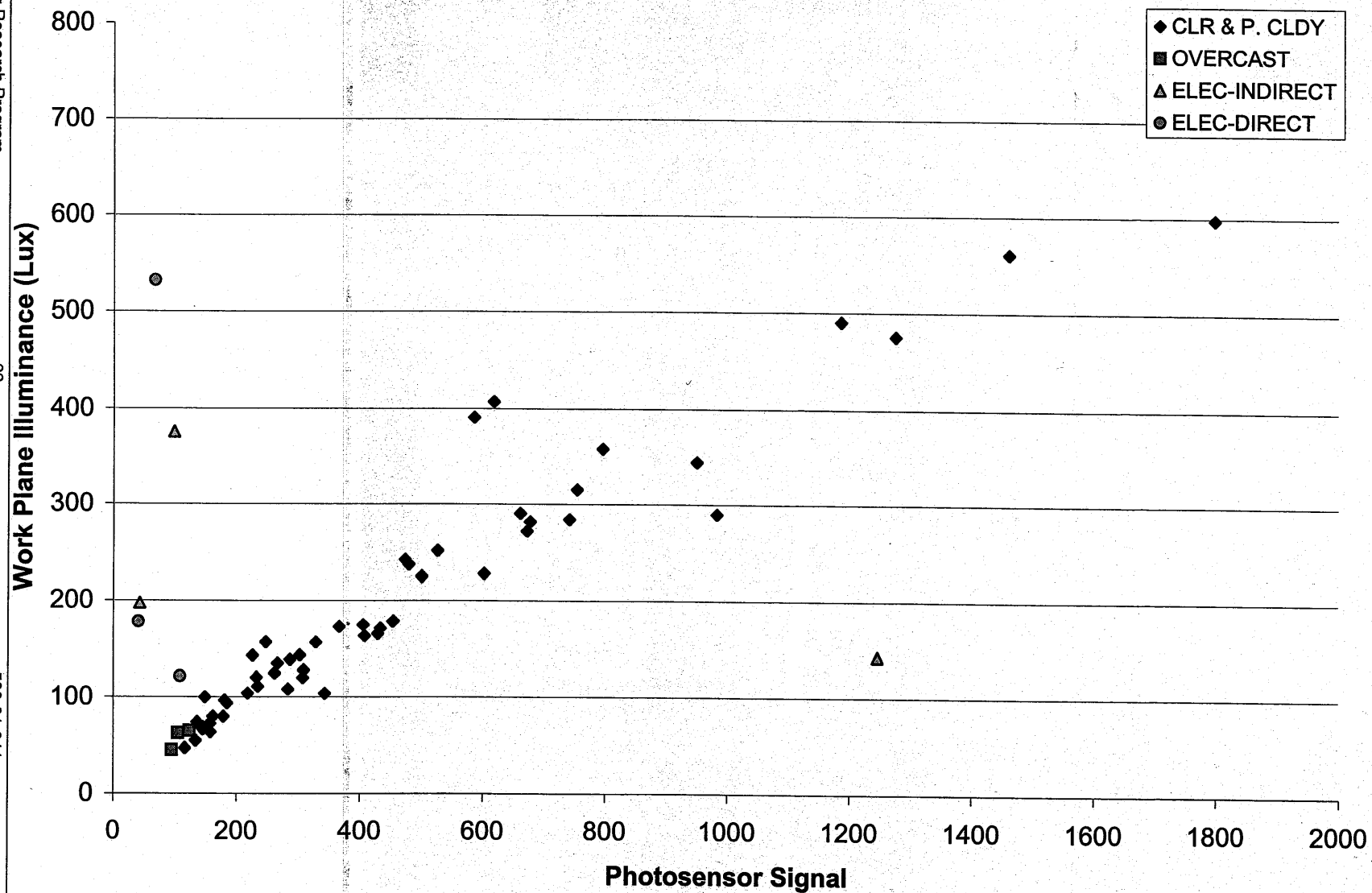


FIG. A. 3.COS.V5: Workplane illuminance versus photosensor signal for Classroom 3 with a cosine sensor at Position #5

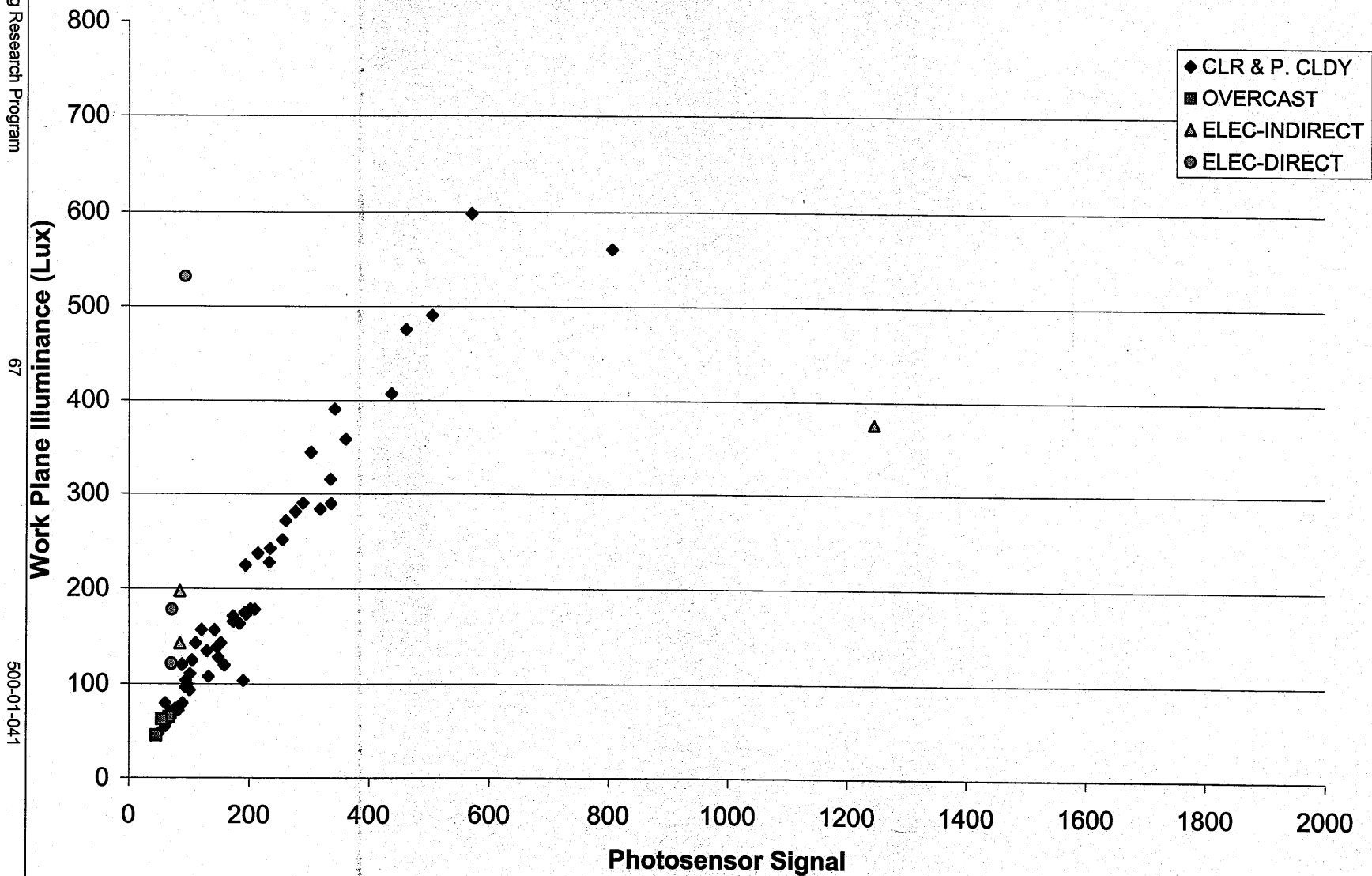


FIG. A. 3.TWS-1.V1: Workplane illuminance versus photosensor signal for Classroom 3 with a TWS-1 sensor at Position #1

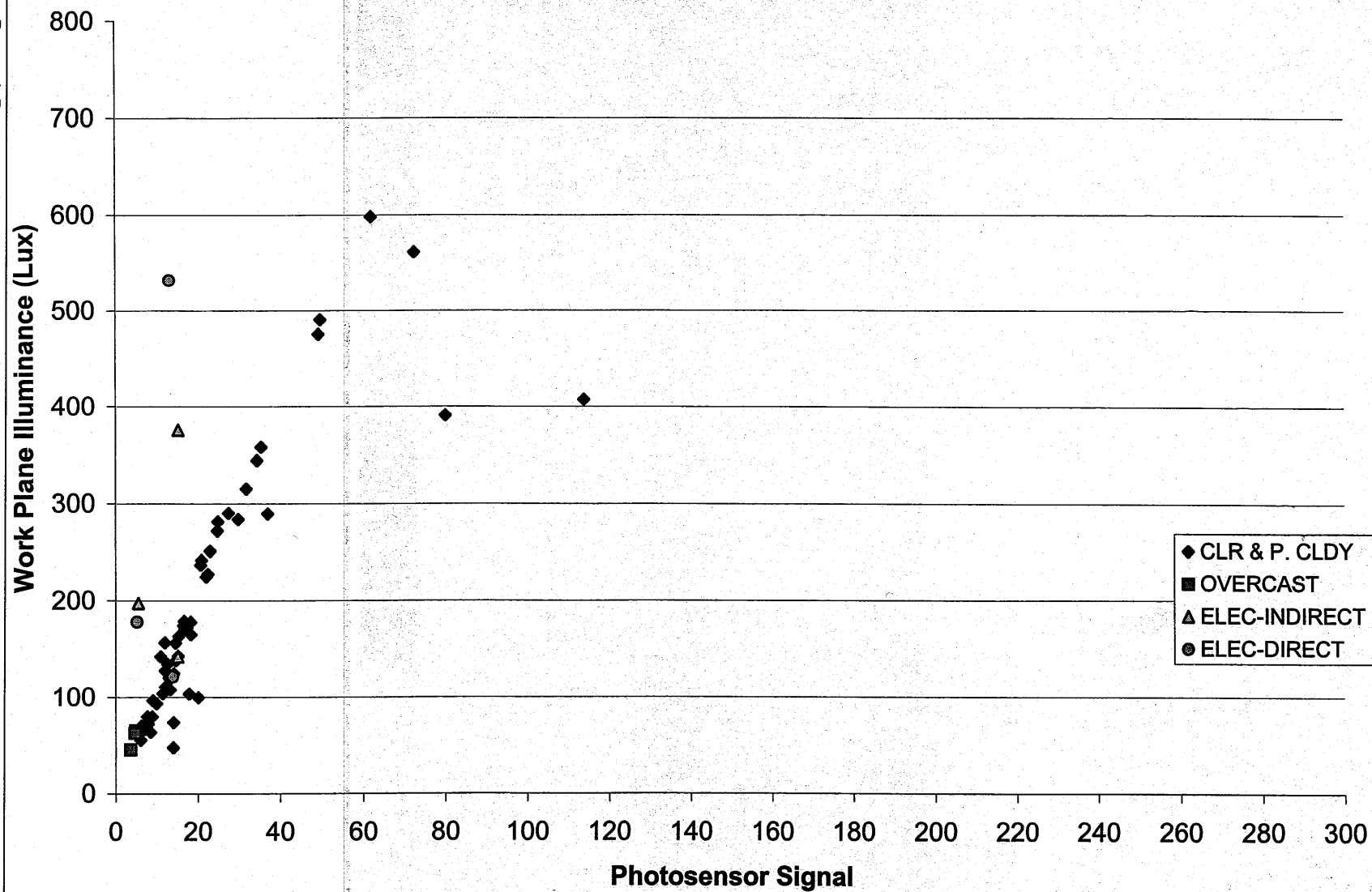


FIG. A. 3.TWS-1.V2: Workplane illuminance versus photosensor signal for Classroom 3 with a TWS-1 sensor at Position #2

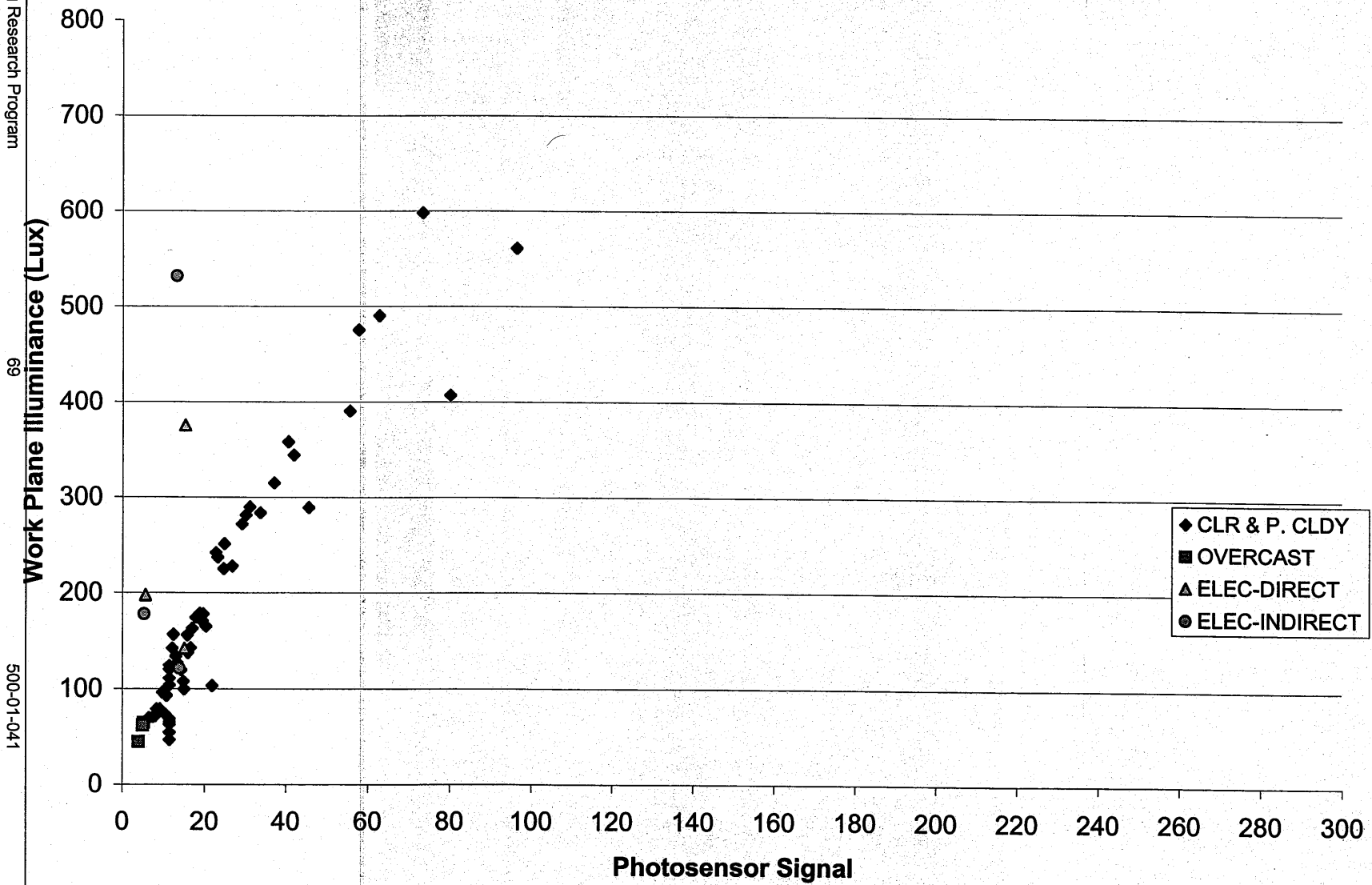


FIG. A. 3.TWS-1.V3: Workplane illuminance versus photosensor signal for Classroom 3 with a TWS-1 sensor at Position #3

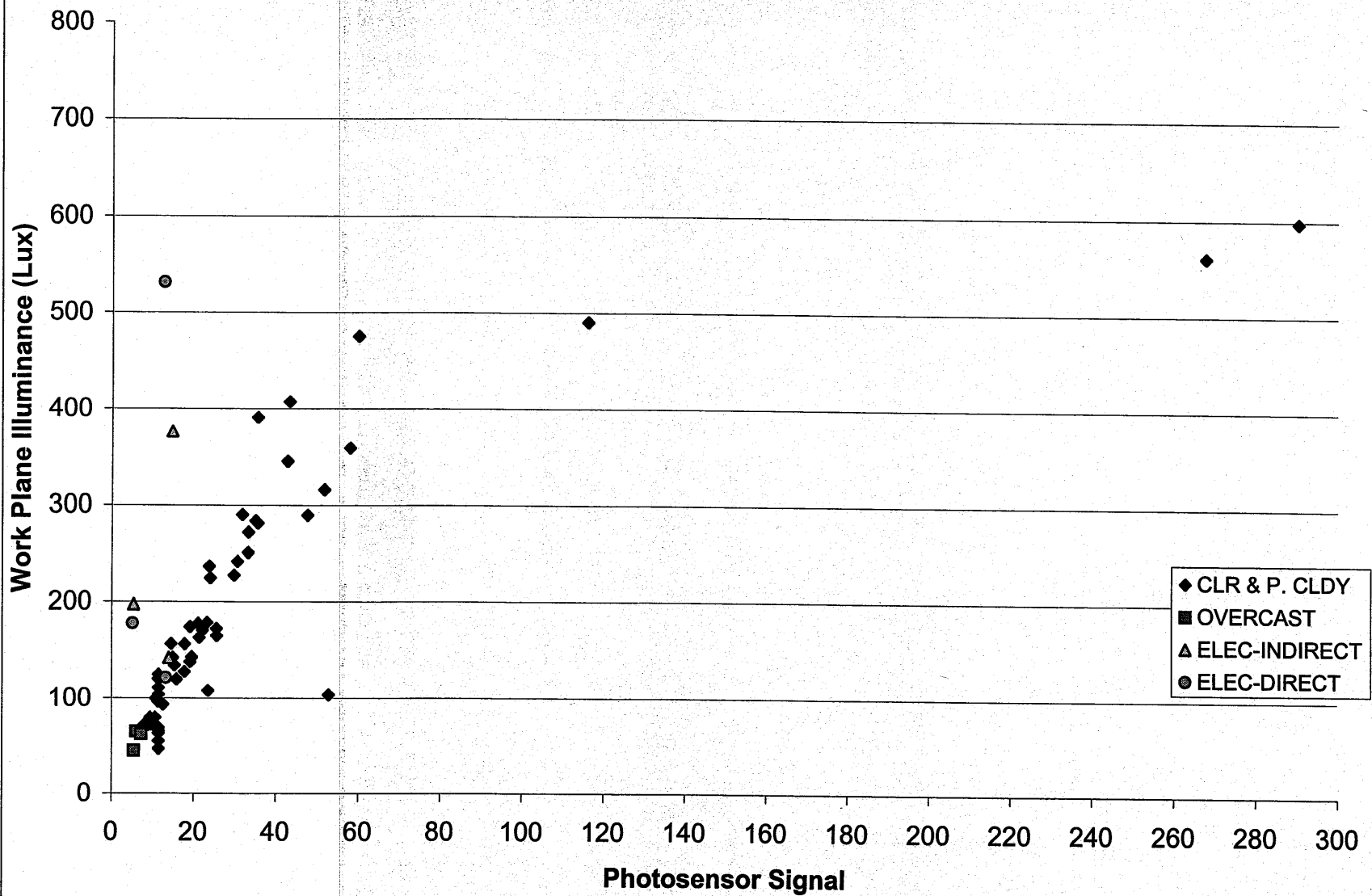


FIG. A. 3.TWS-1.V4: Workplane illuminance versus photosensor signal for Classroom 3 with a TWS-1 sensor at Position #4

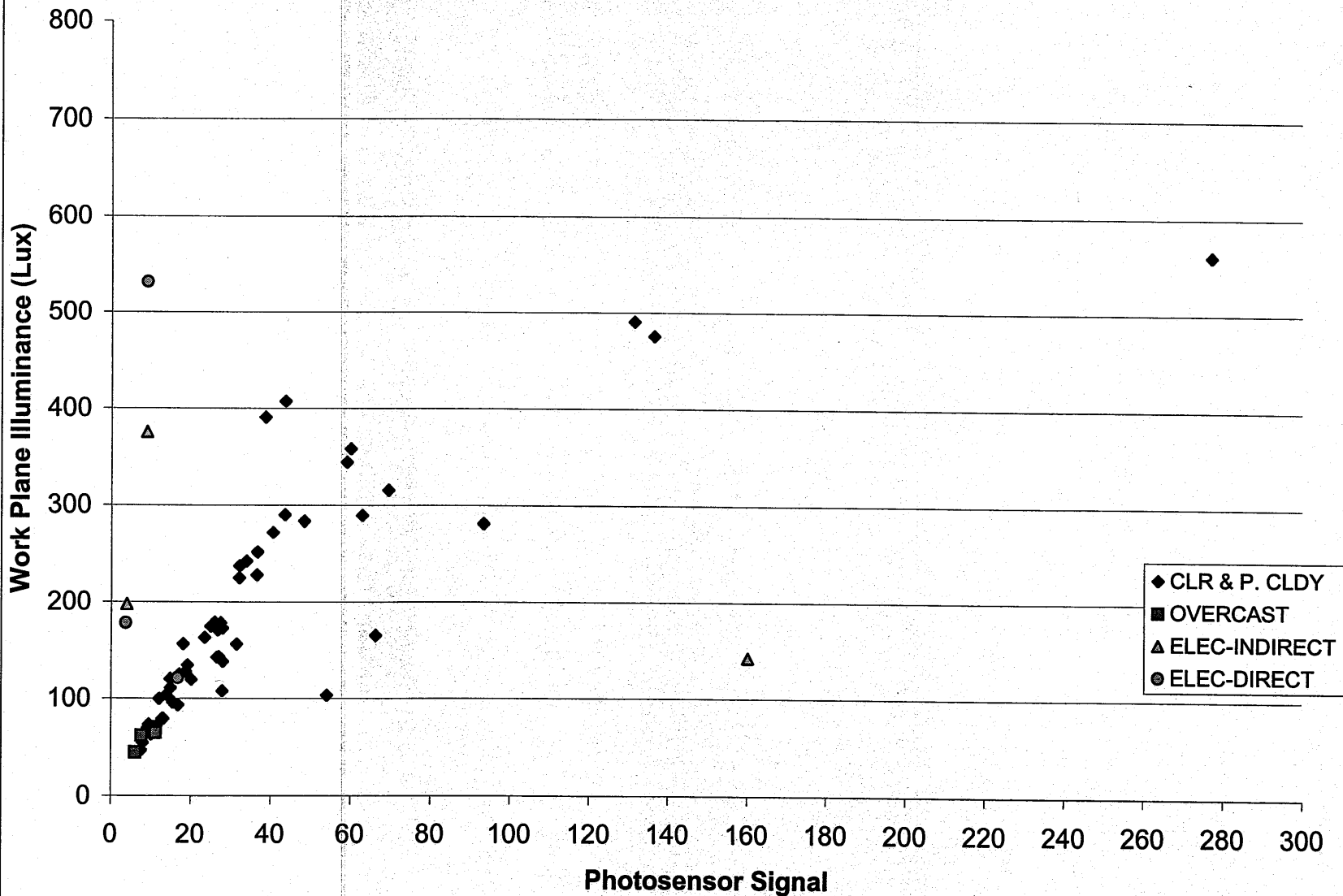


FIG. A. 3.TWS-1.V5: Workplane illuminance versus photosensor signal for Classroom 3 with a TWS-1 sensor at Position #5

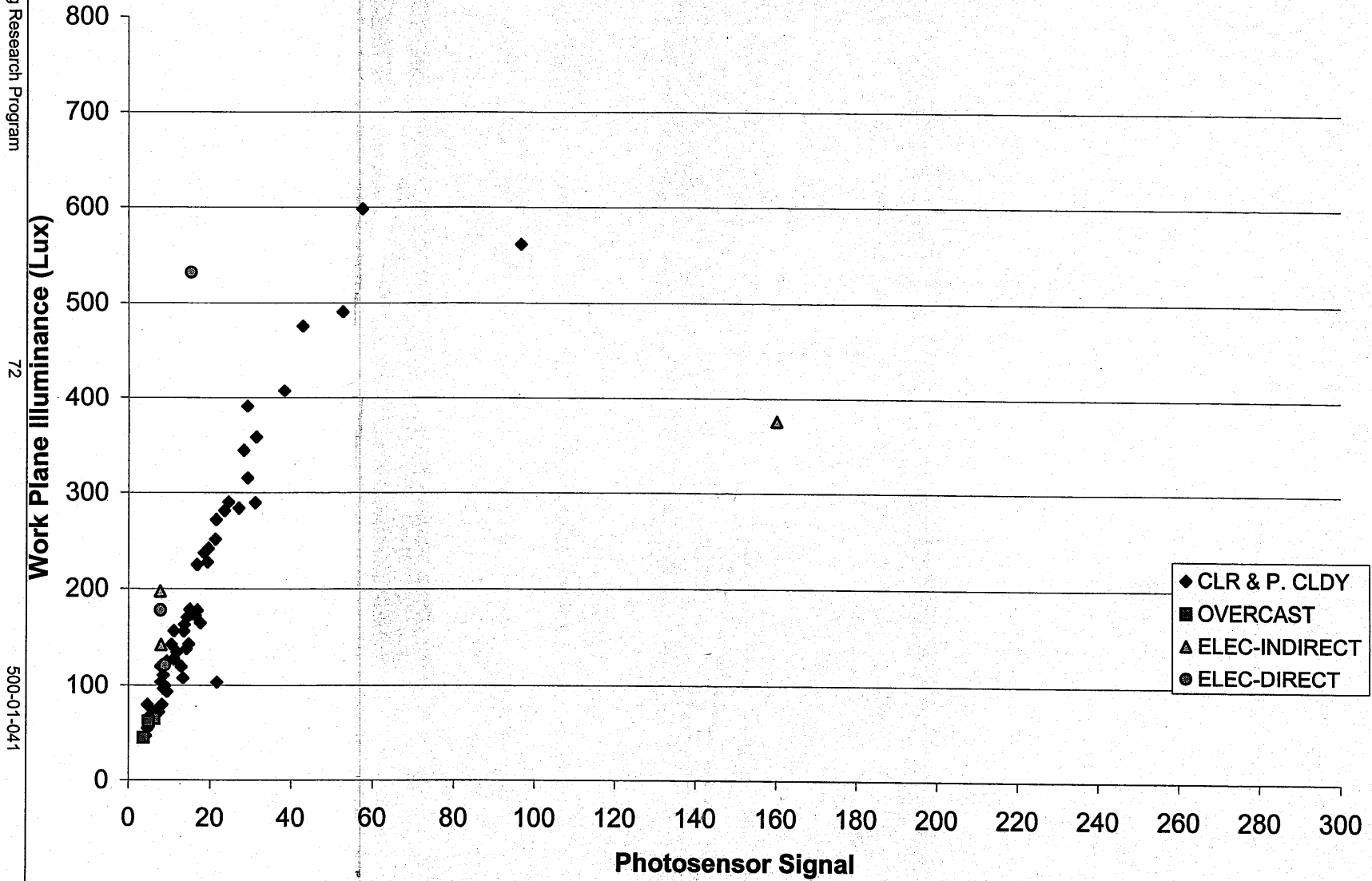


FIG. A. 3.45COS.V1: Workplane illuminance versus photosensor signal for Classroom 3 with a 45cos sensor at Position #1

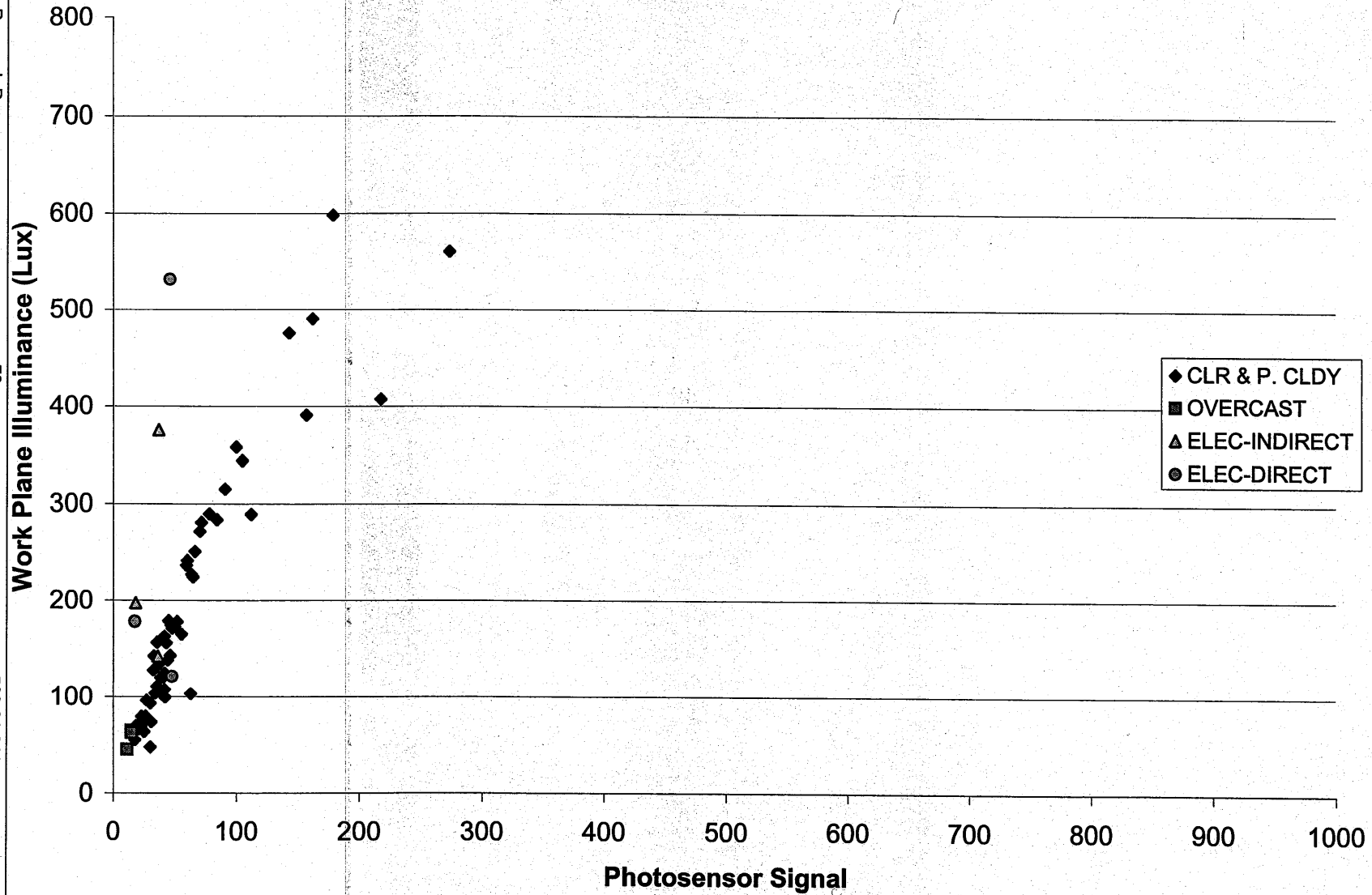


FIG. A. 3.45COS.V2: Workplane illuminance versus photosensor signal for Classroom 3 with a 45cos sensor at Position #2

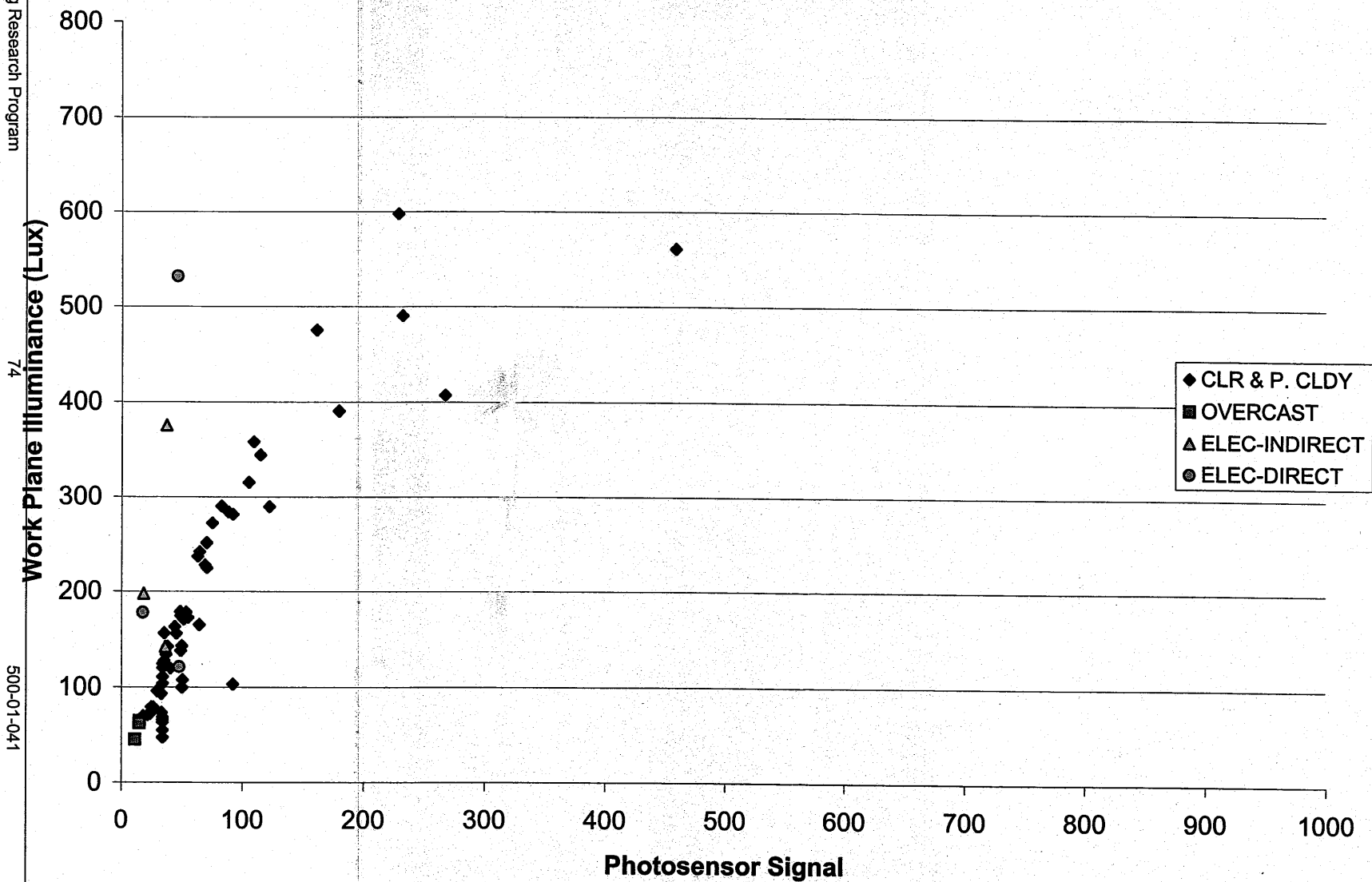


FIG. A. 3.45COS.V3: Workplane illuminance versus photosensor signal for Classroom 3 with a 45cos sensor at Position #3

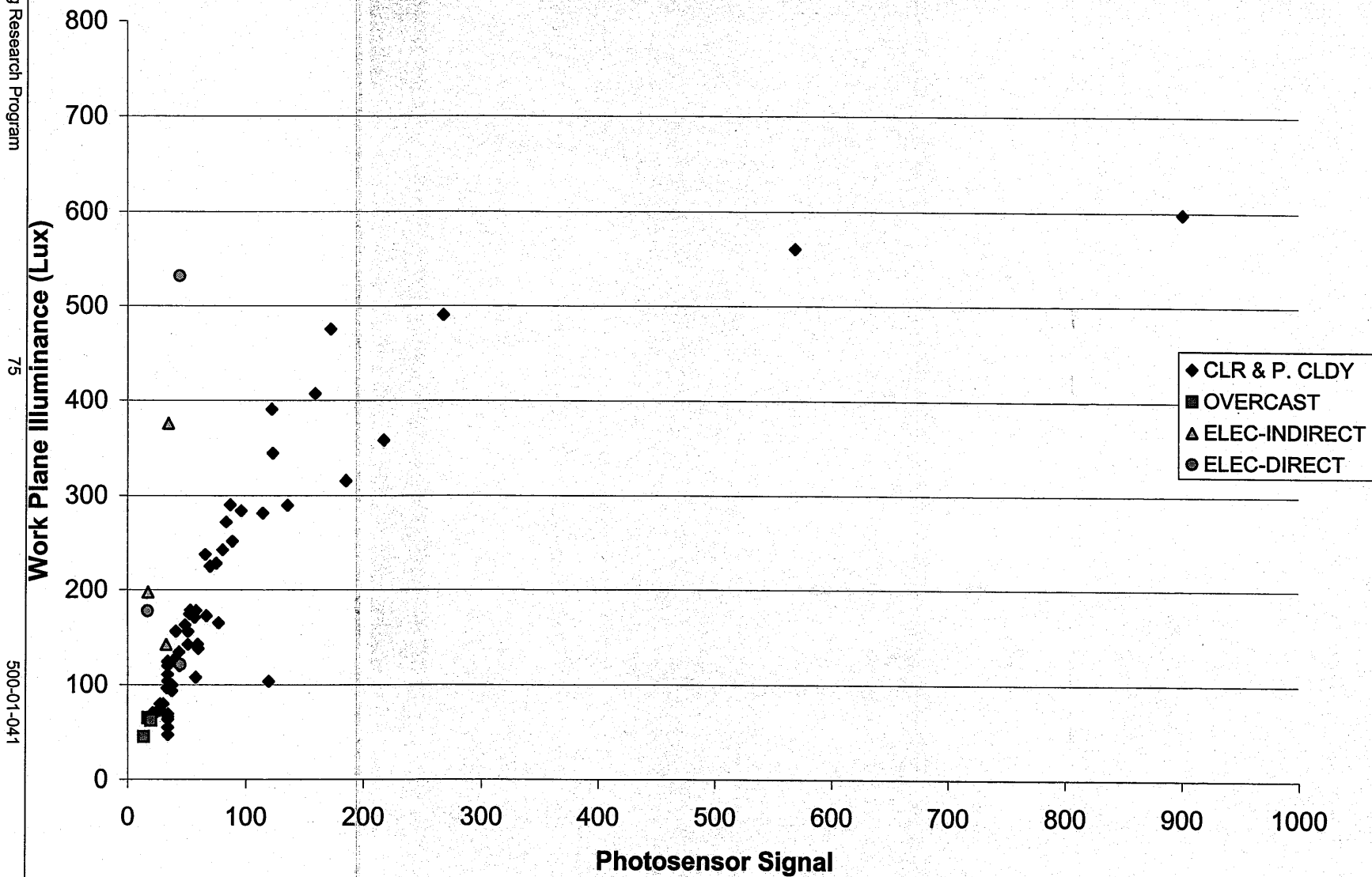


FIG. A. 3.45COS.V4: Workplane illuminance versus photosensor signal for Classroom 3 with a 45cos sensor at Position #4

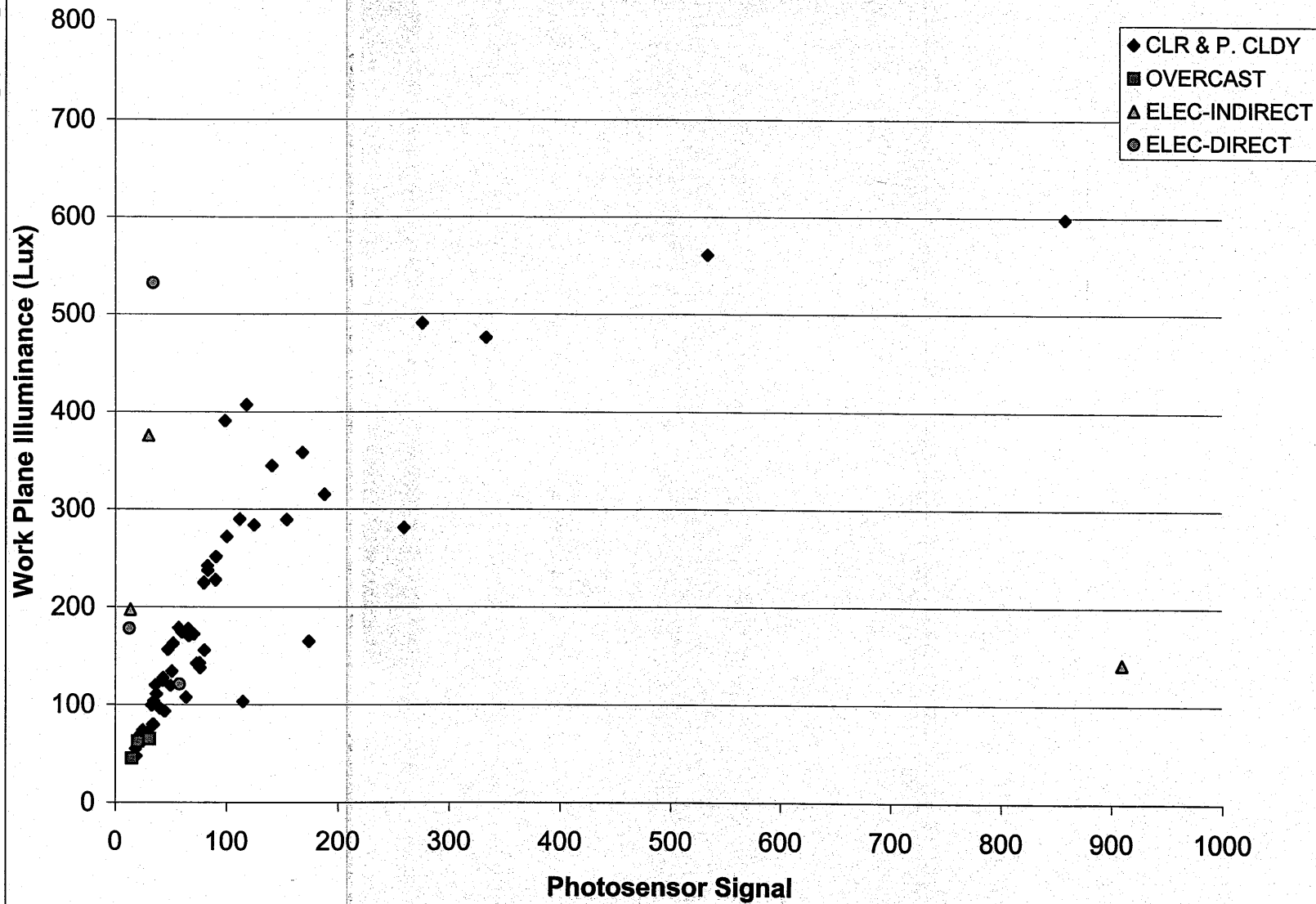


FIG. A. 3.45COS.V5: Workplane illuminance versus photosensor signal for Classroom 3 with a 45cos sensor at Position #5

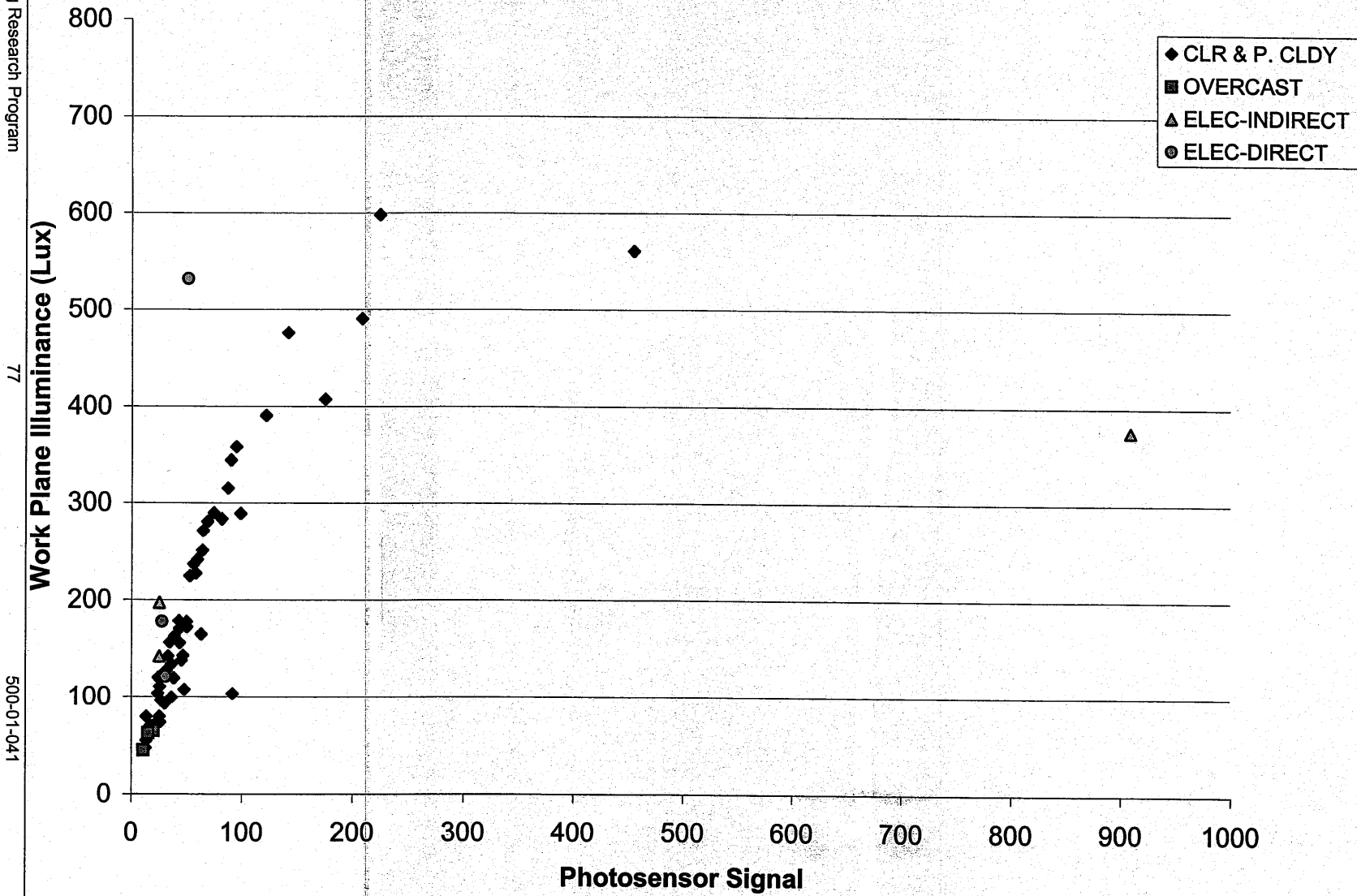


FIG. A. 3.55.COS.V1: Workplane illuminance versus photosensor signal for Classroom 3 with a 55cos sensor at Position #1

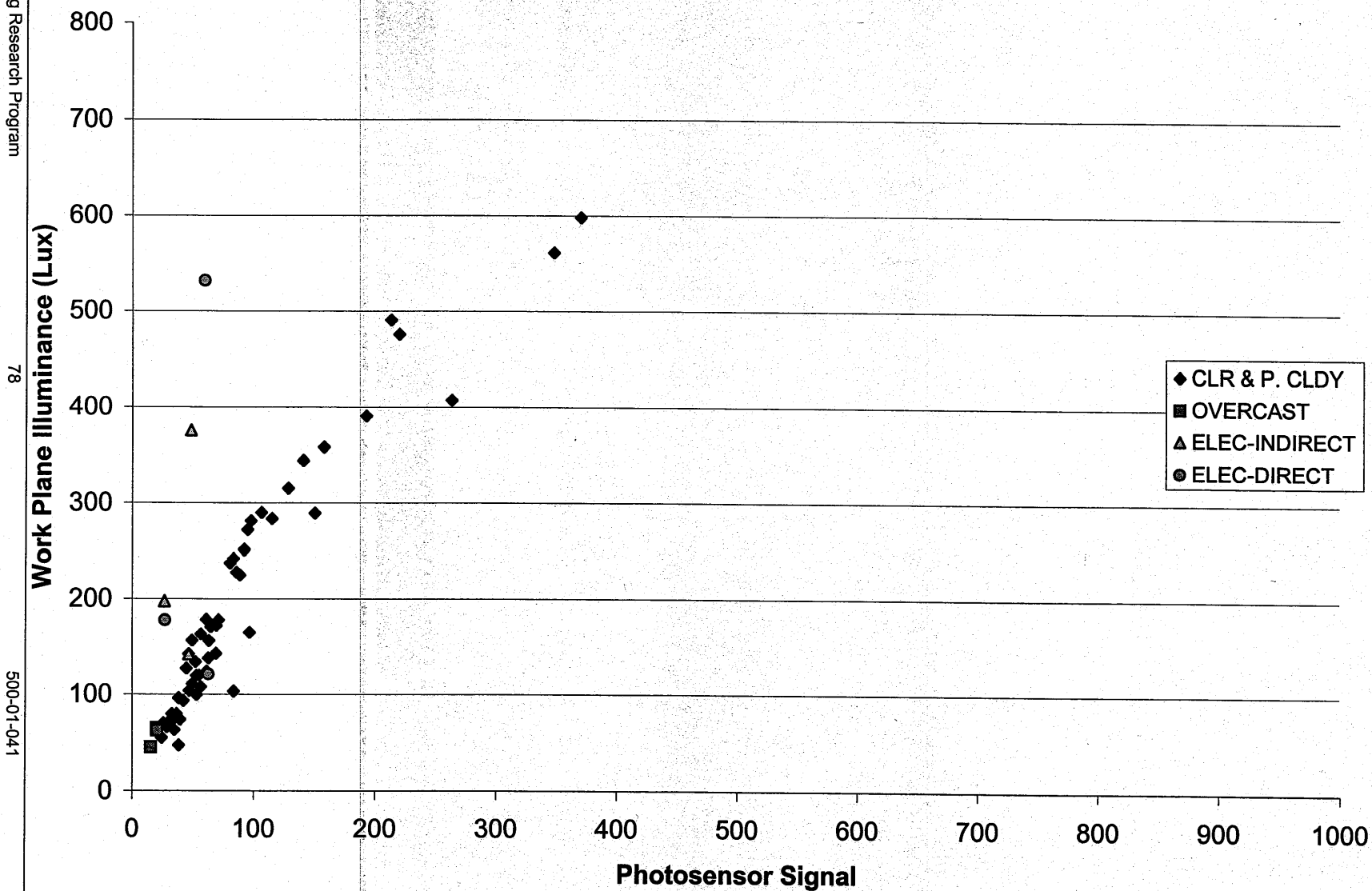


FIG. A. 3.55COS.V2: Workplane illuminance versus photosensor signal for Classroom 3 with a 55cos sensor at Position #2

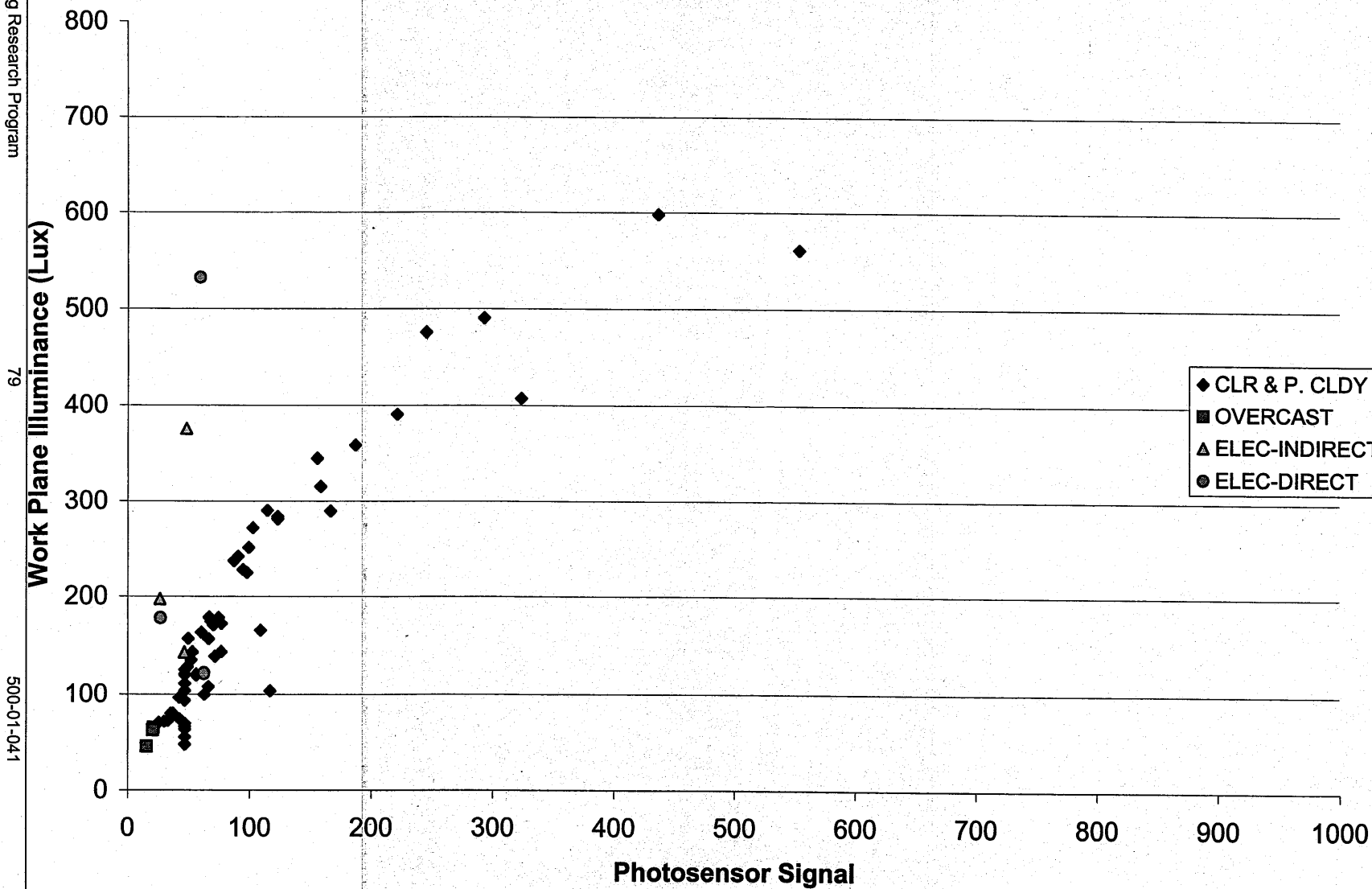


FIG. A. 3.55COS.V3: Workplane illuminance versus photosensor signal for Classroom 3 with a 55cos sensor at Position #3

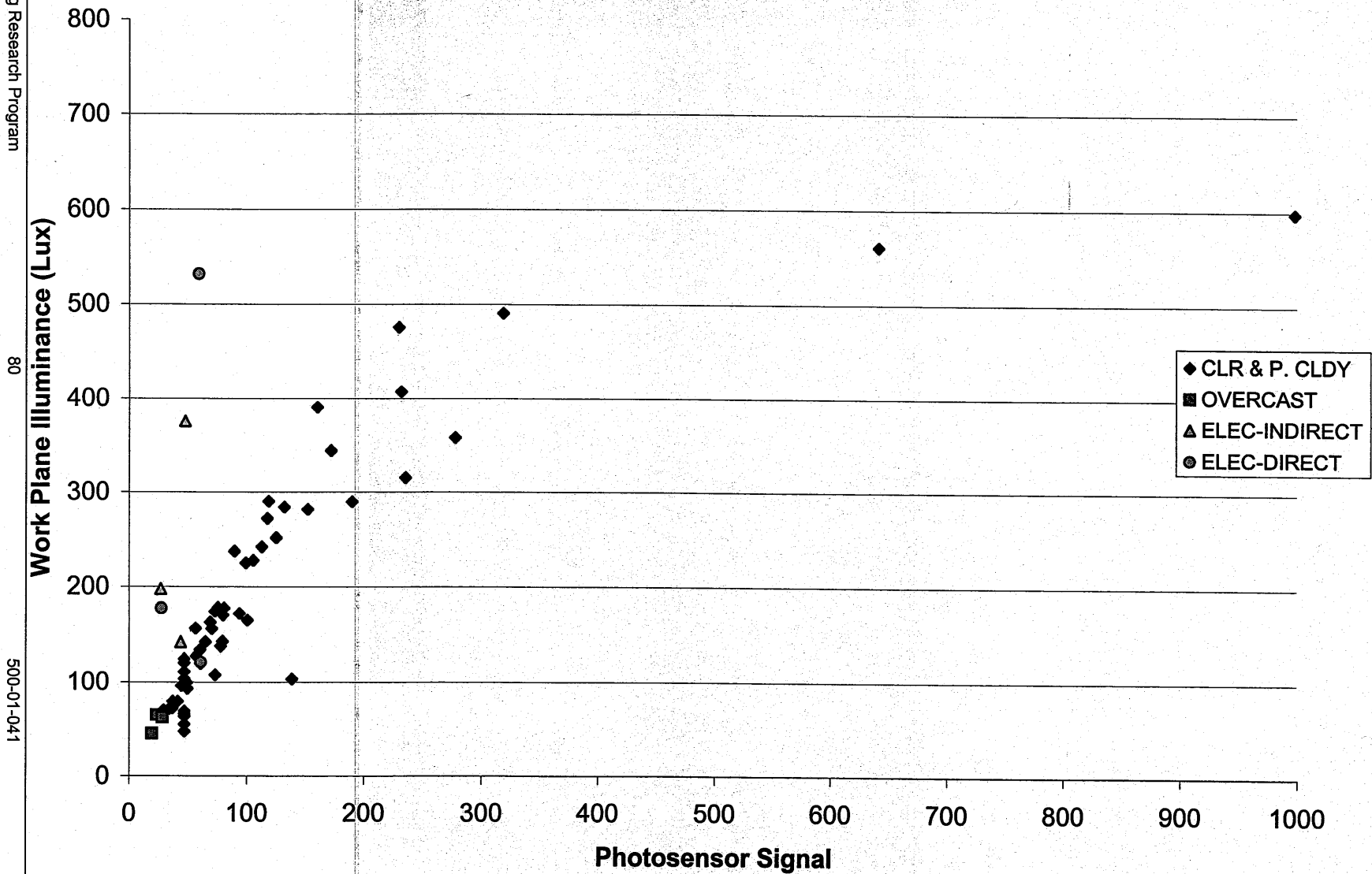


FIG. A. 3.55COS.V4: Workplane illuminance versus photosensor signal for Classroom 3 with a 55cos sensor at Position #4

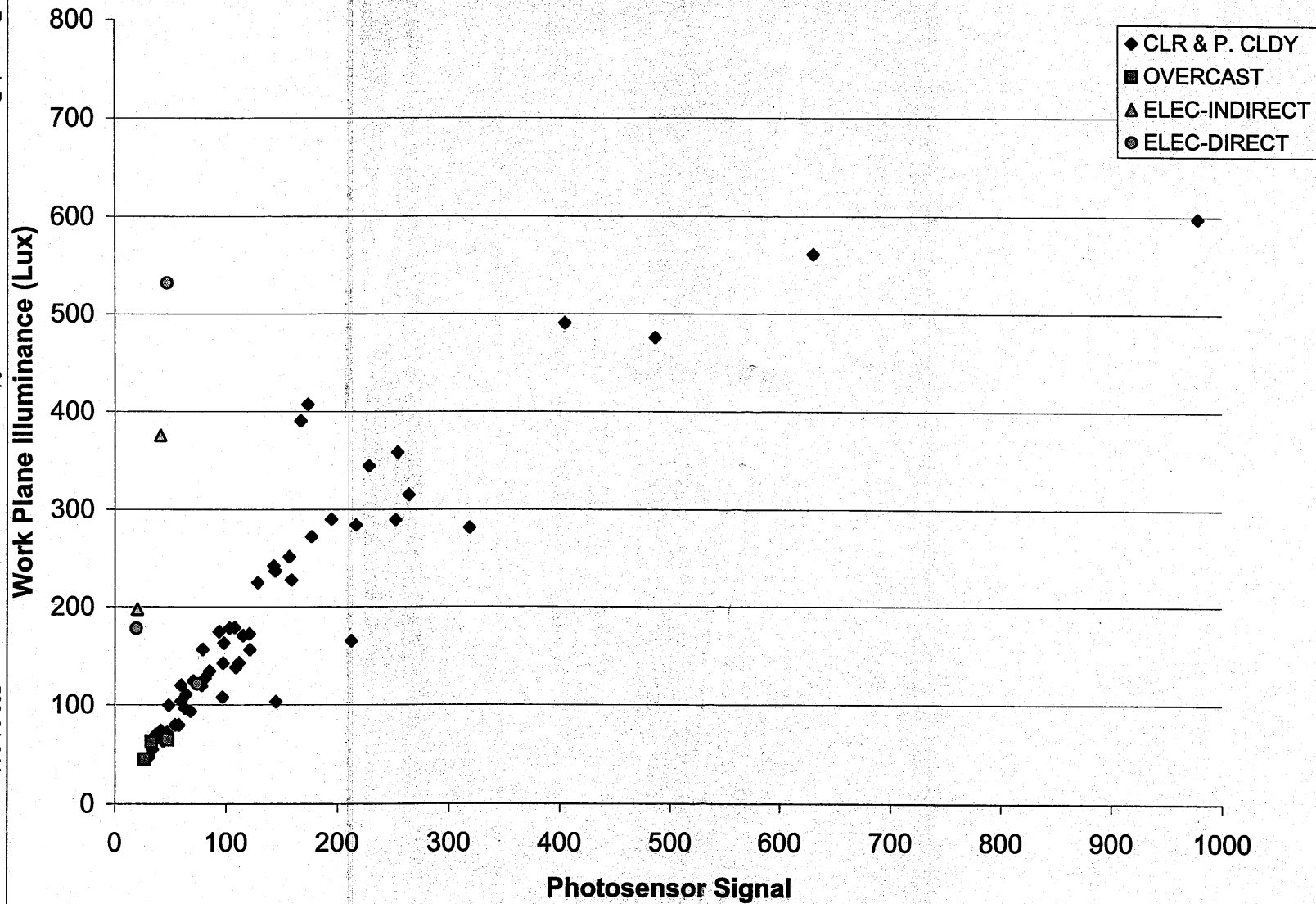


FIG. A. 3.55COS.V5: Workplane illuminance versus photosensor signal for Classroom 3 with a 55cos sensor at Position #5

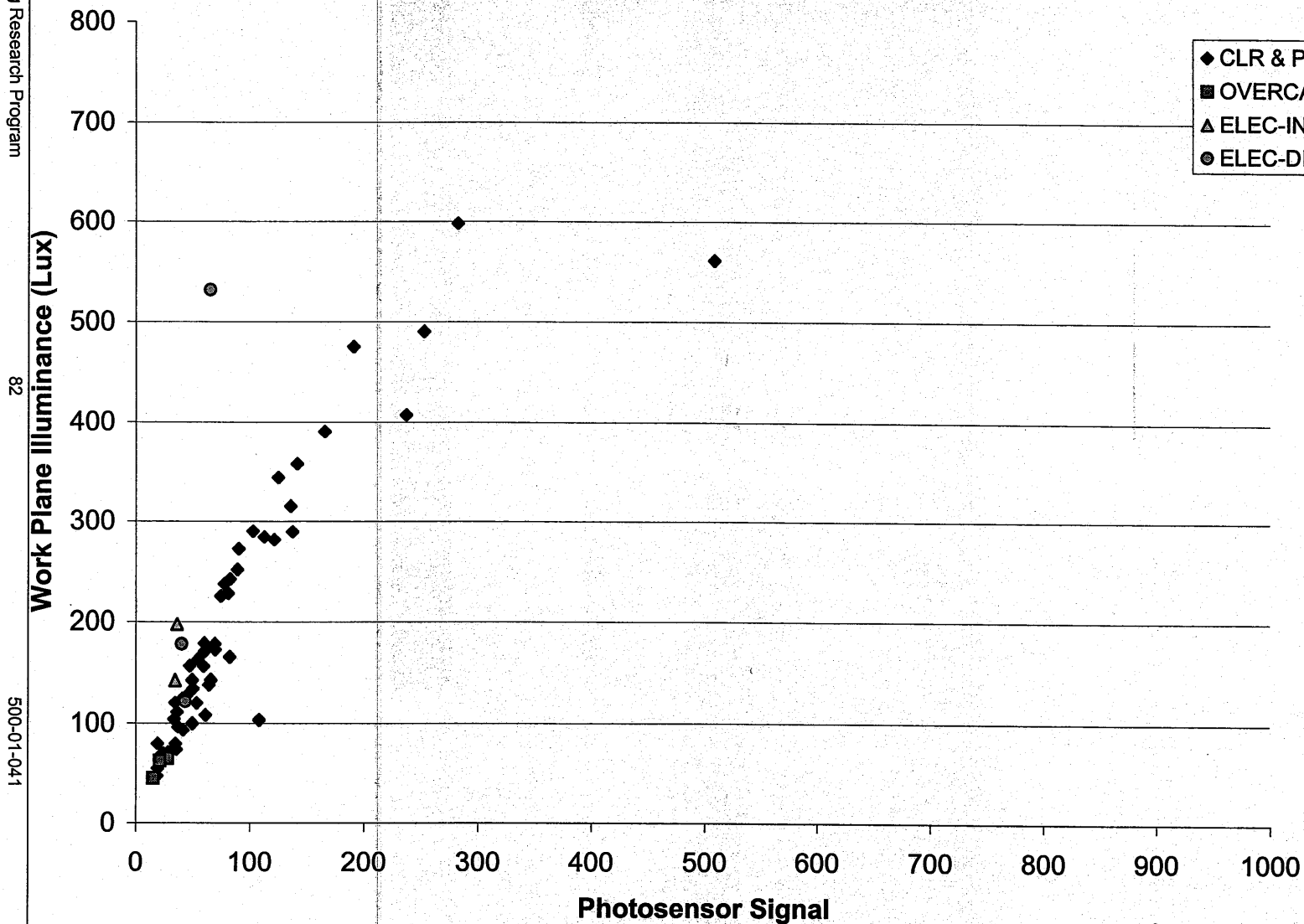
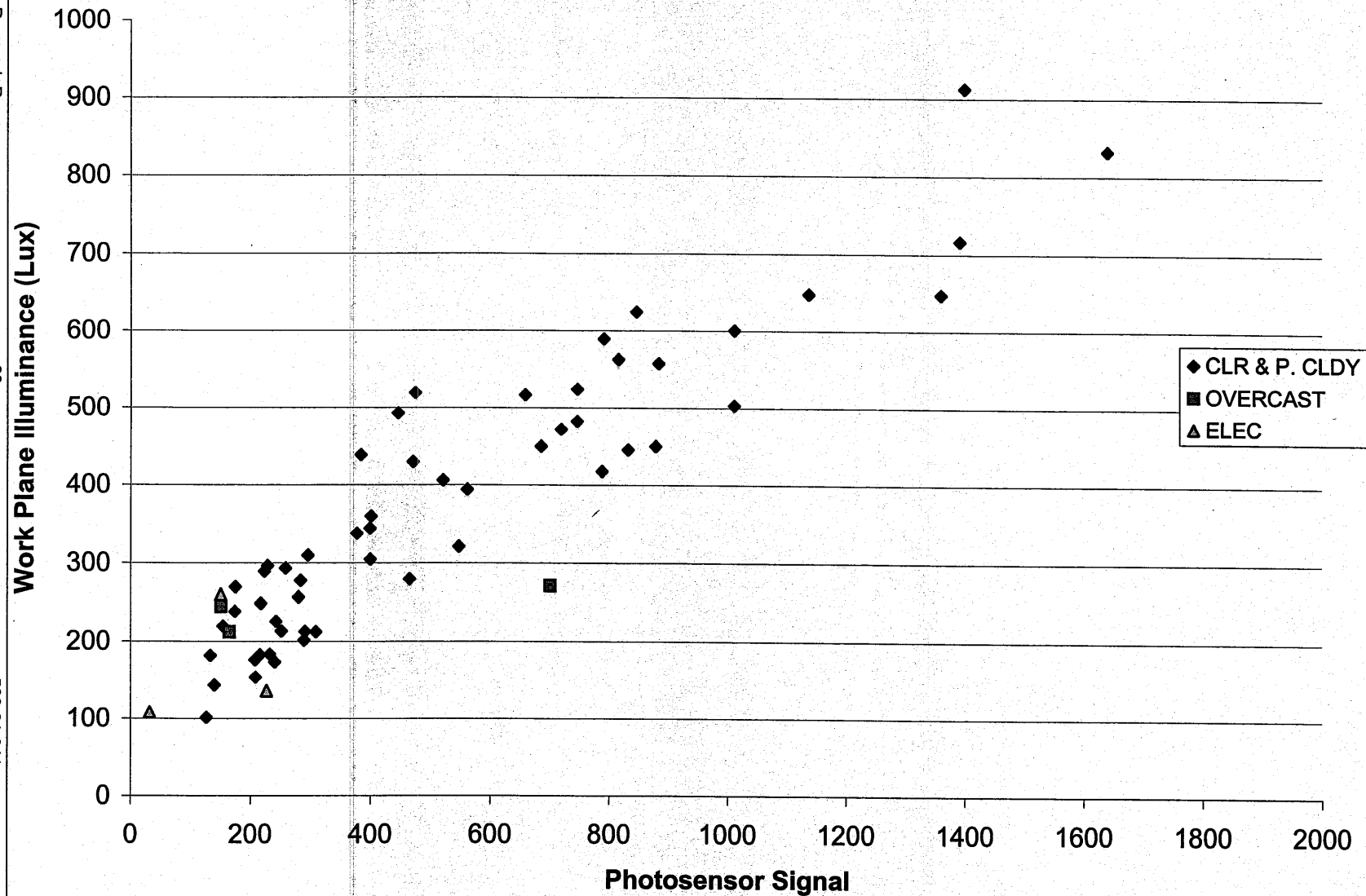


FIG. A. 4.COS.V1: Workplane illuminance versus photosensor signal for Classroom 4 with a cosine sensor at Position #1



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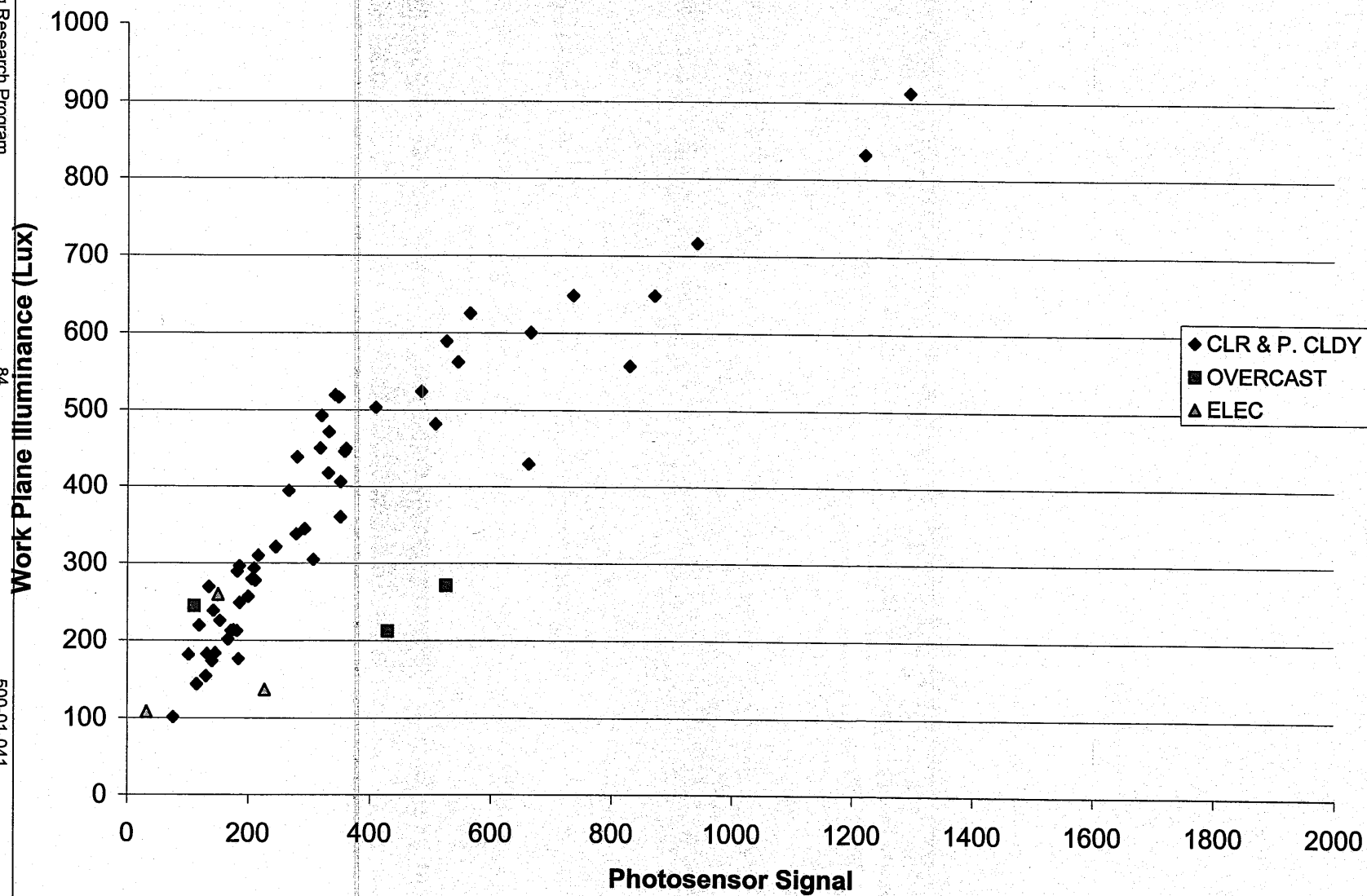


FIG. A. 4.COS.V3: Workplane illuminance versus photosensor signal for Classroom 4 with a cosine sensor at Position #3

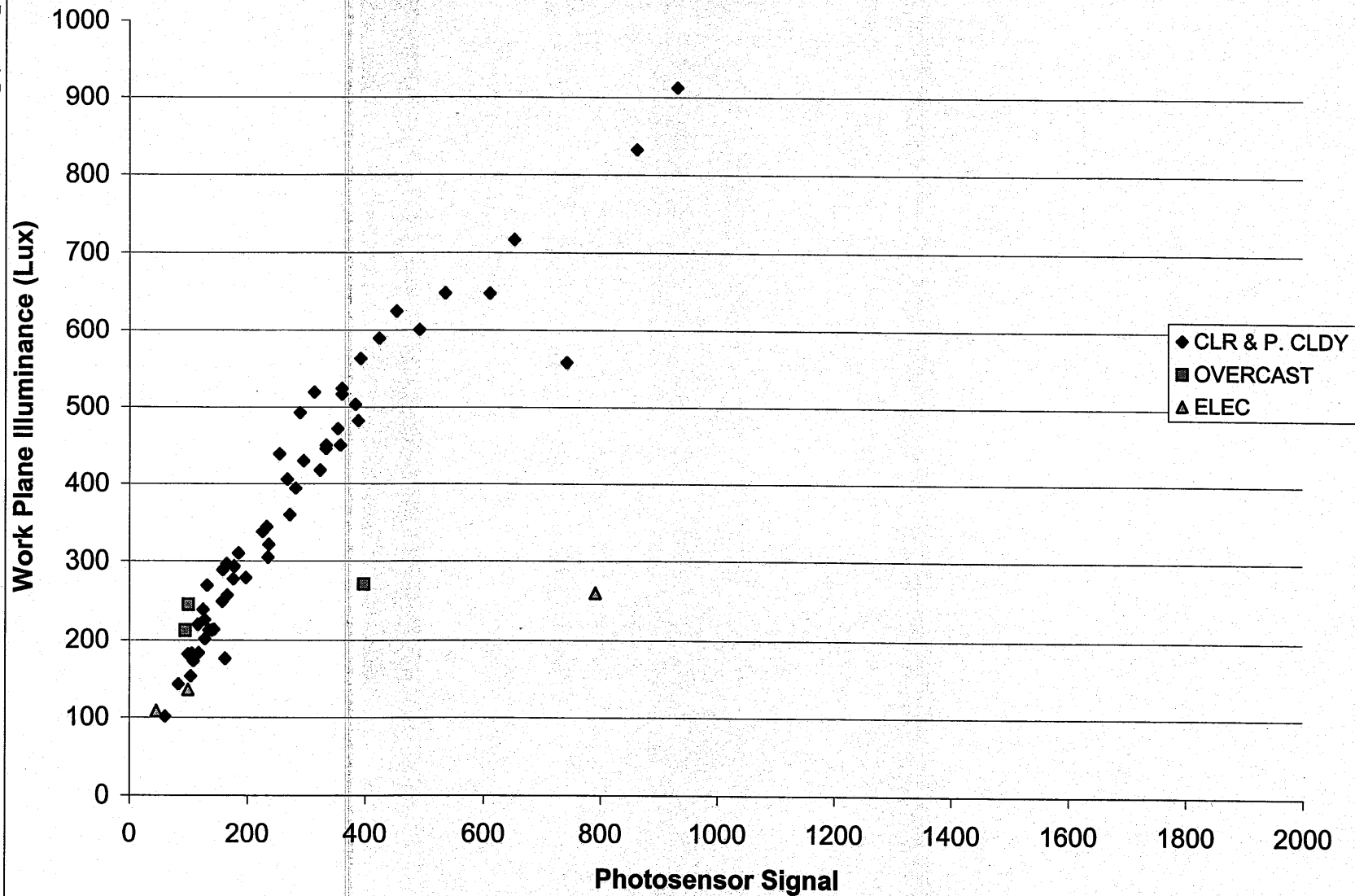


FIG. A 4.COS.V4: Workplane illuminance versus photosensor signal for Classroom 4 with a cosine sensor at Position #4

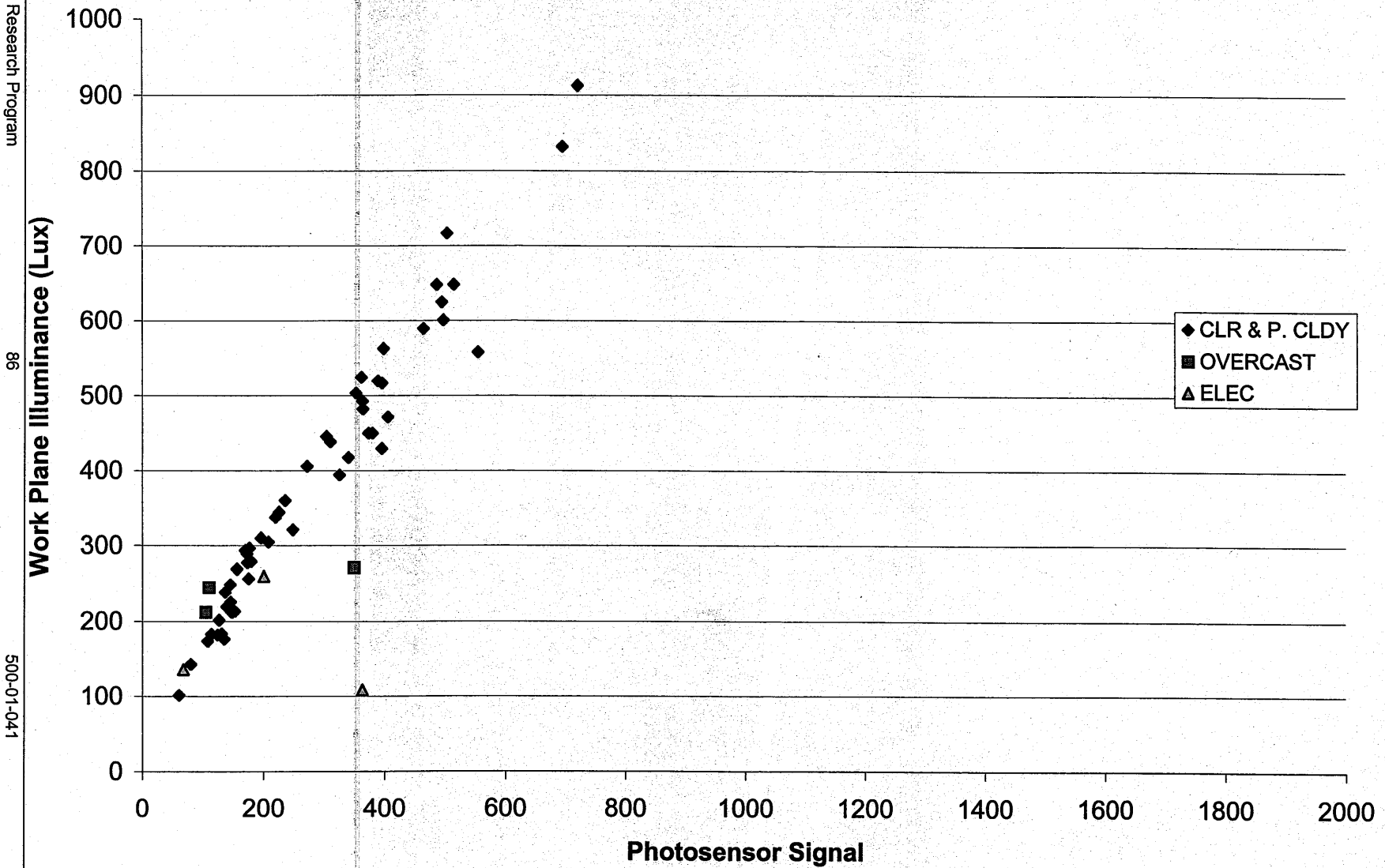


FIG. A. 4.TWS-1.V1: Workplane illuminance versus photosensor signal for Classroom 4 with a TWS-1 sensor at Position #1

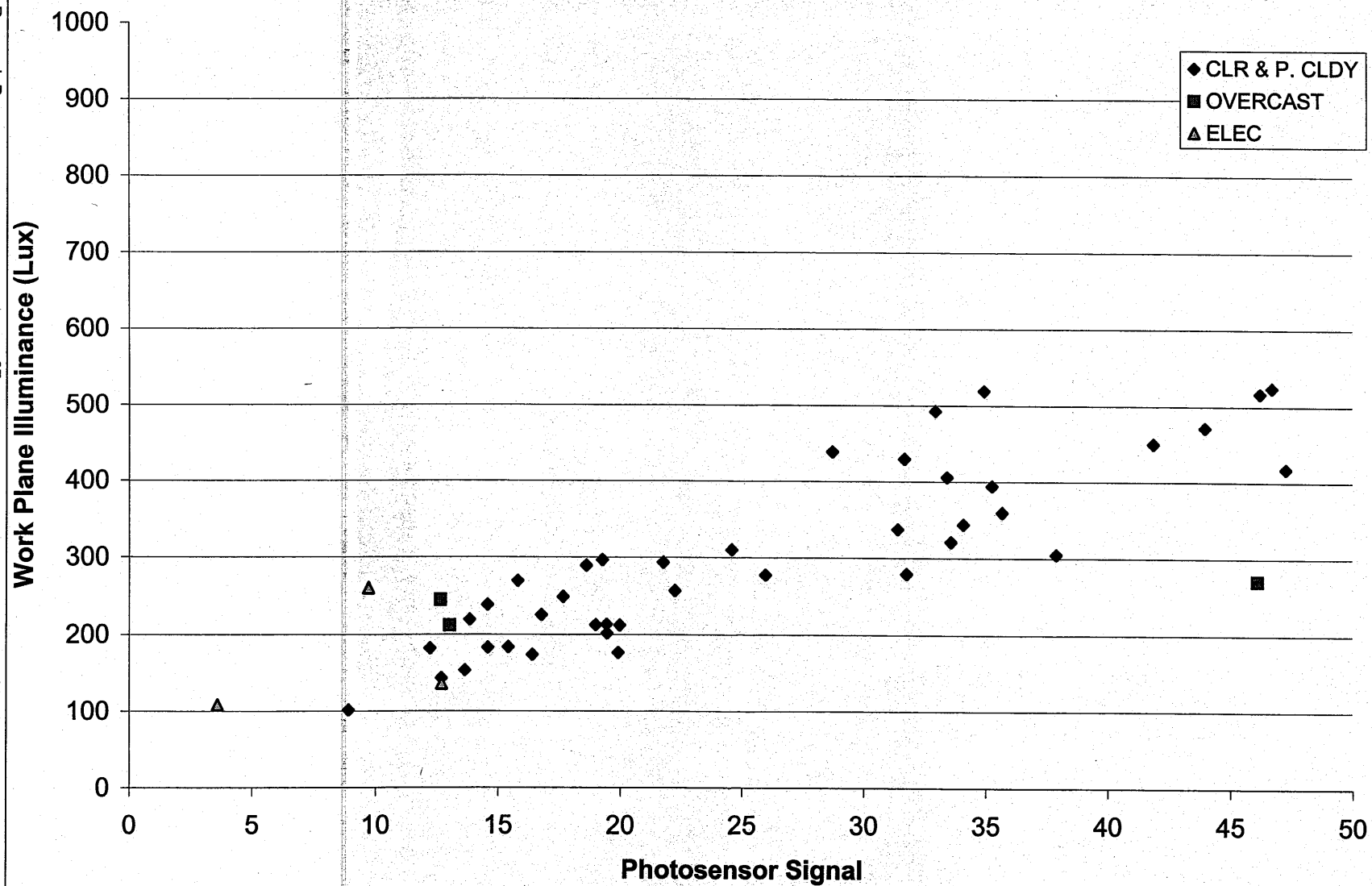


FIG. A. 4.TWS-1.V2: Workplane illuminance versus photosensor signal for Classroom 4 with a TWS-1 sensor at Position #2

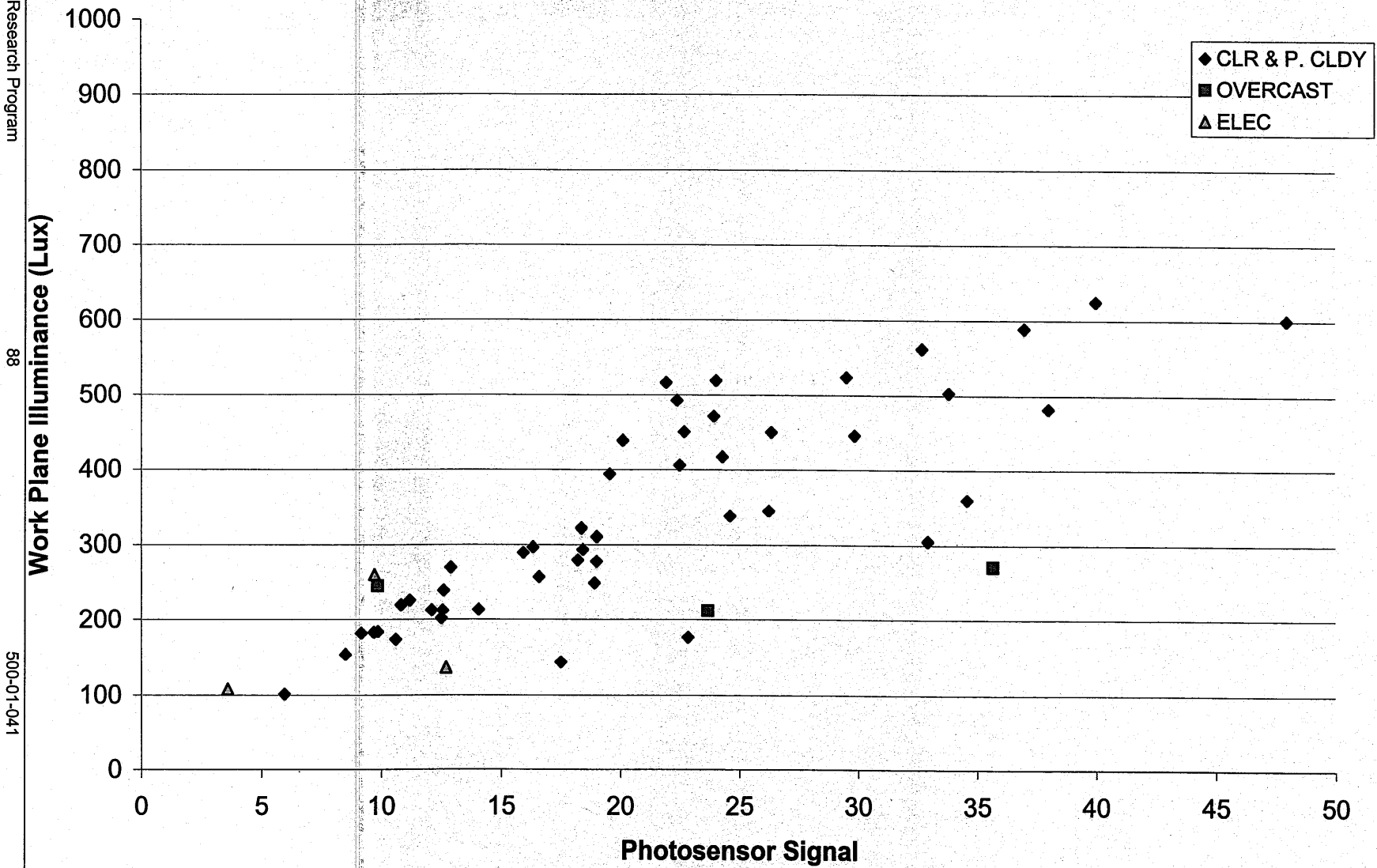


FIG. A. 4.TWS-1.V3: Workplane illuminance versus photosensor signal for Classroom 4 with a TWS-1 sensor at Position #3

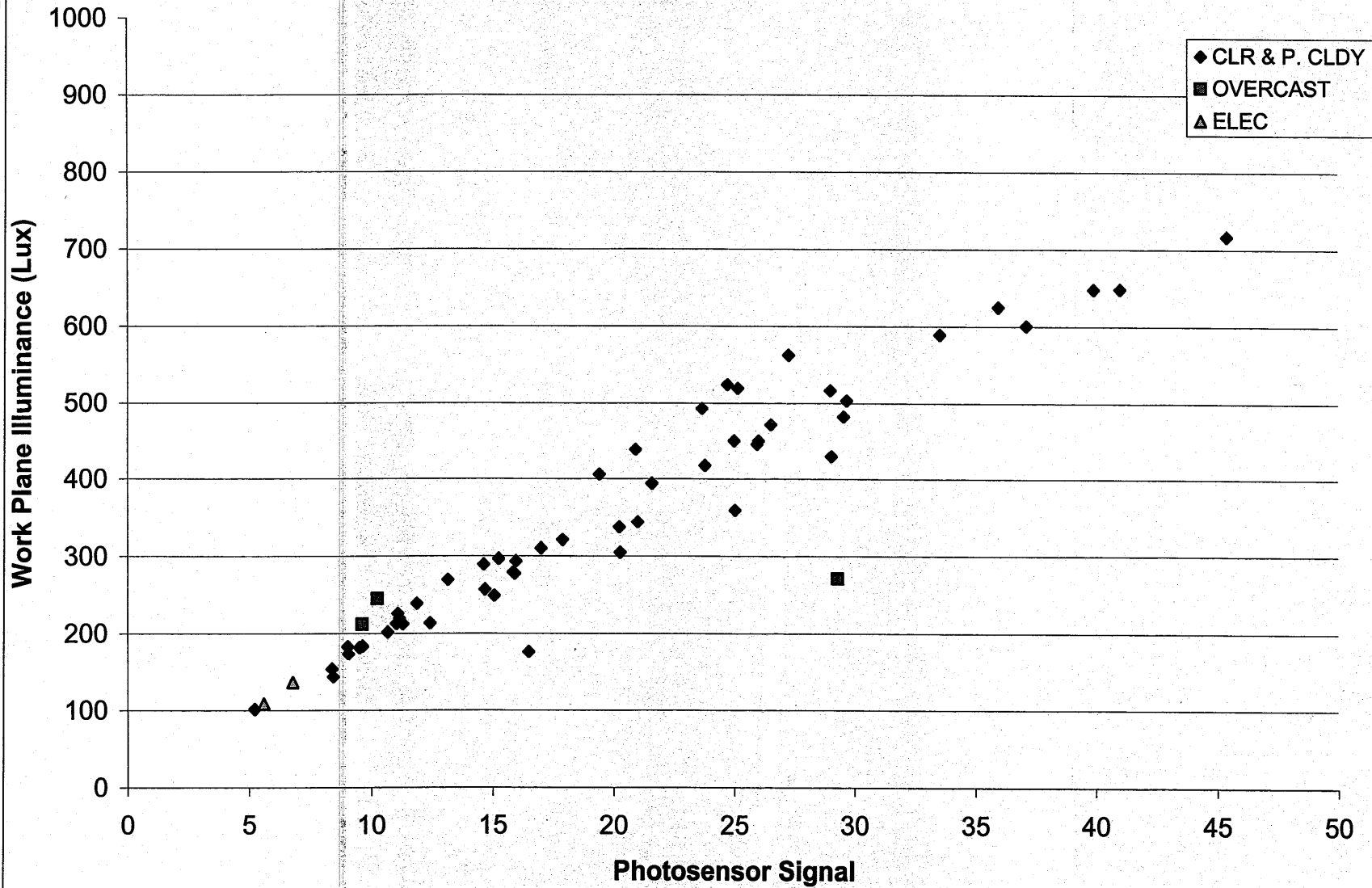


FIG. A. 4.TWS-1.V4: Workplane illuminance versus photosensor signal for Classroom 4 with a TWS-1 sensor at Position #4

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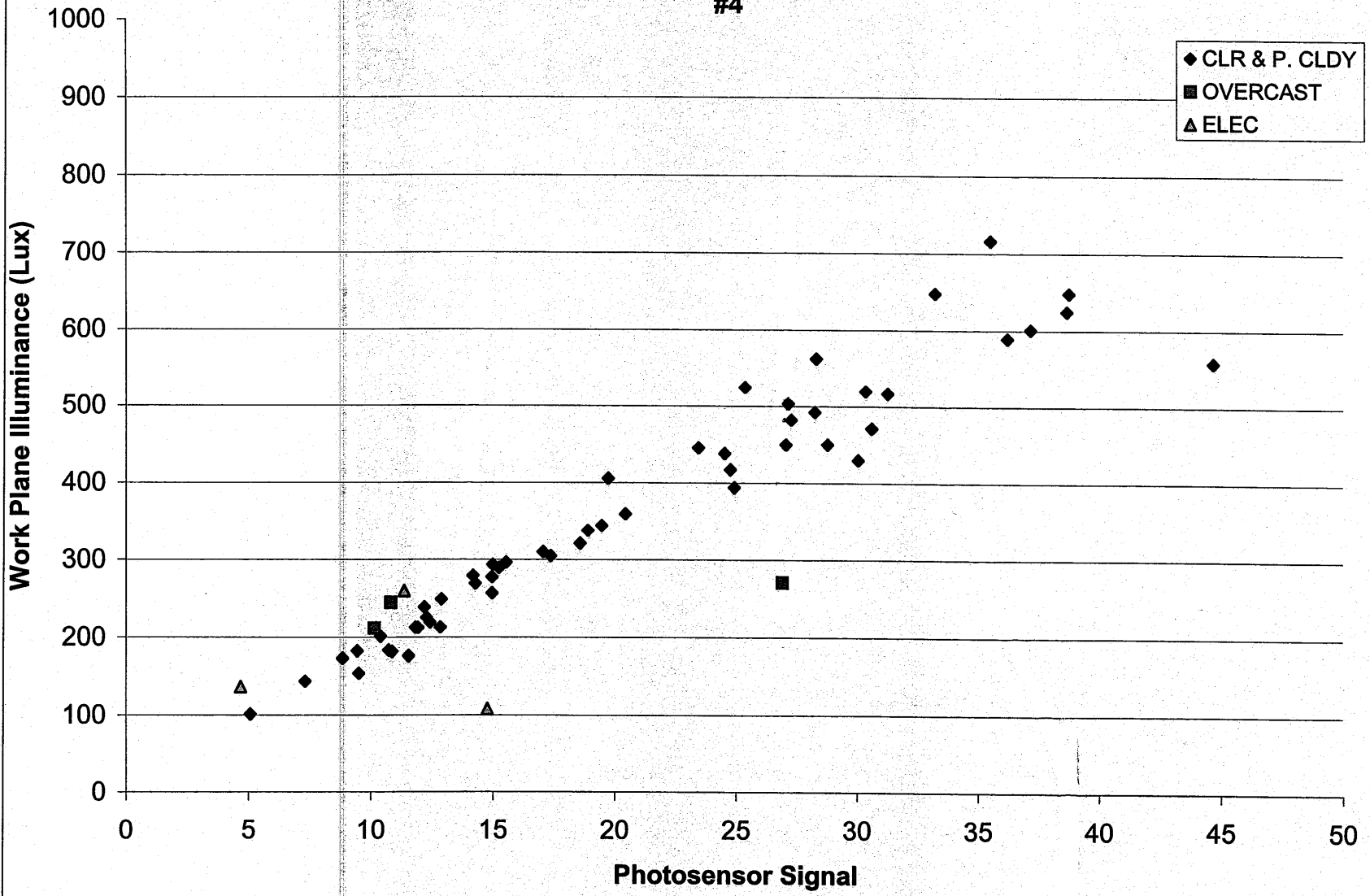


FIG. A. 4.45COS.V1: Workplane illuminance versus photosensor signal for Classroom 4 with a 45cos sensor at View #1

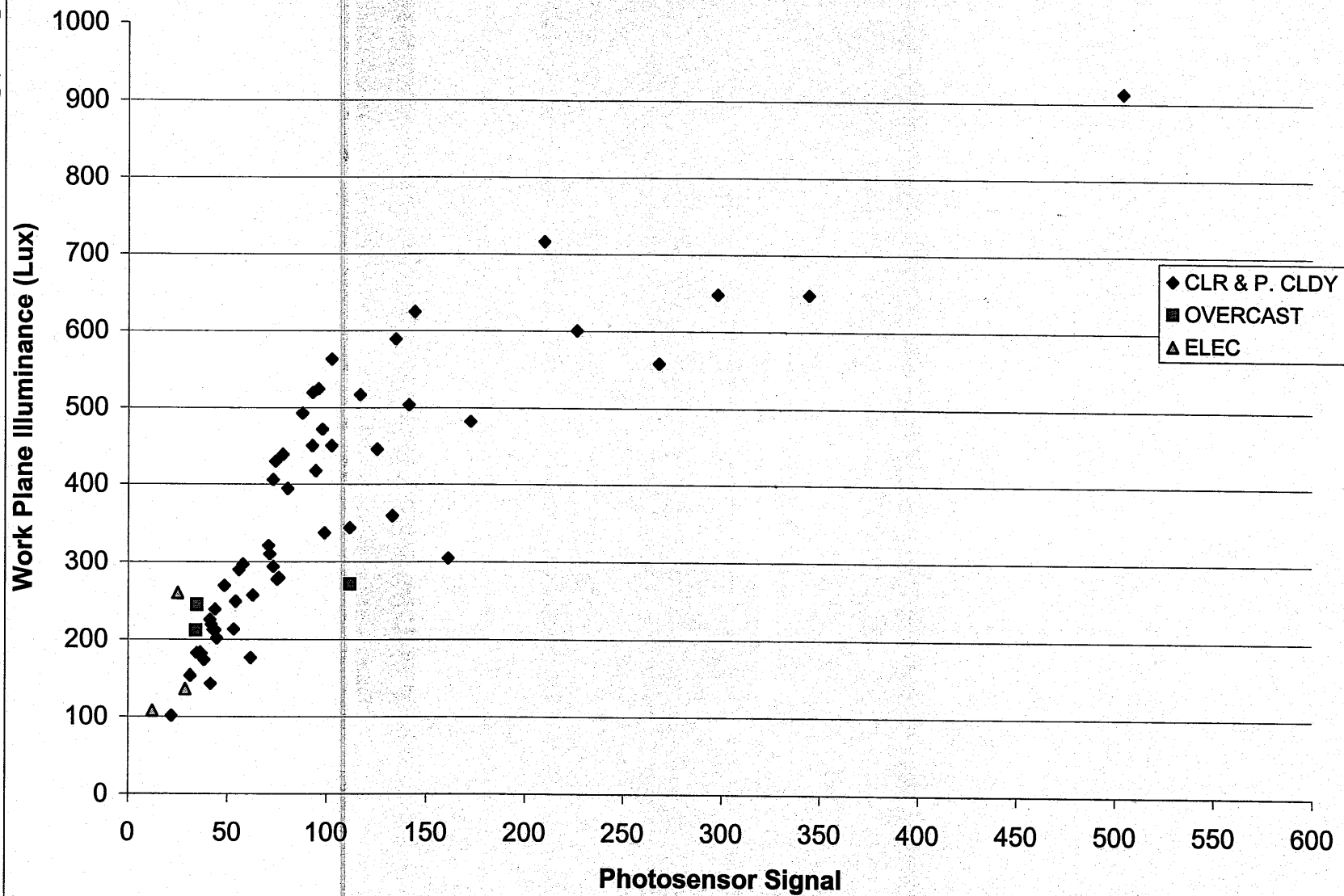


FIG. A. 4.45COS.V2: Workplane illuminance versus photosensor signal for Classroom 4 with a 45cos sensor at View #2

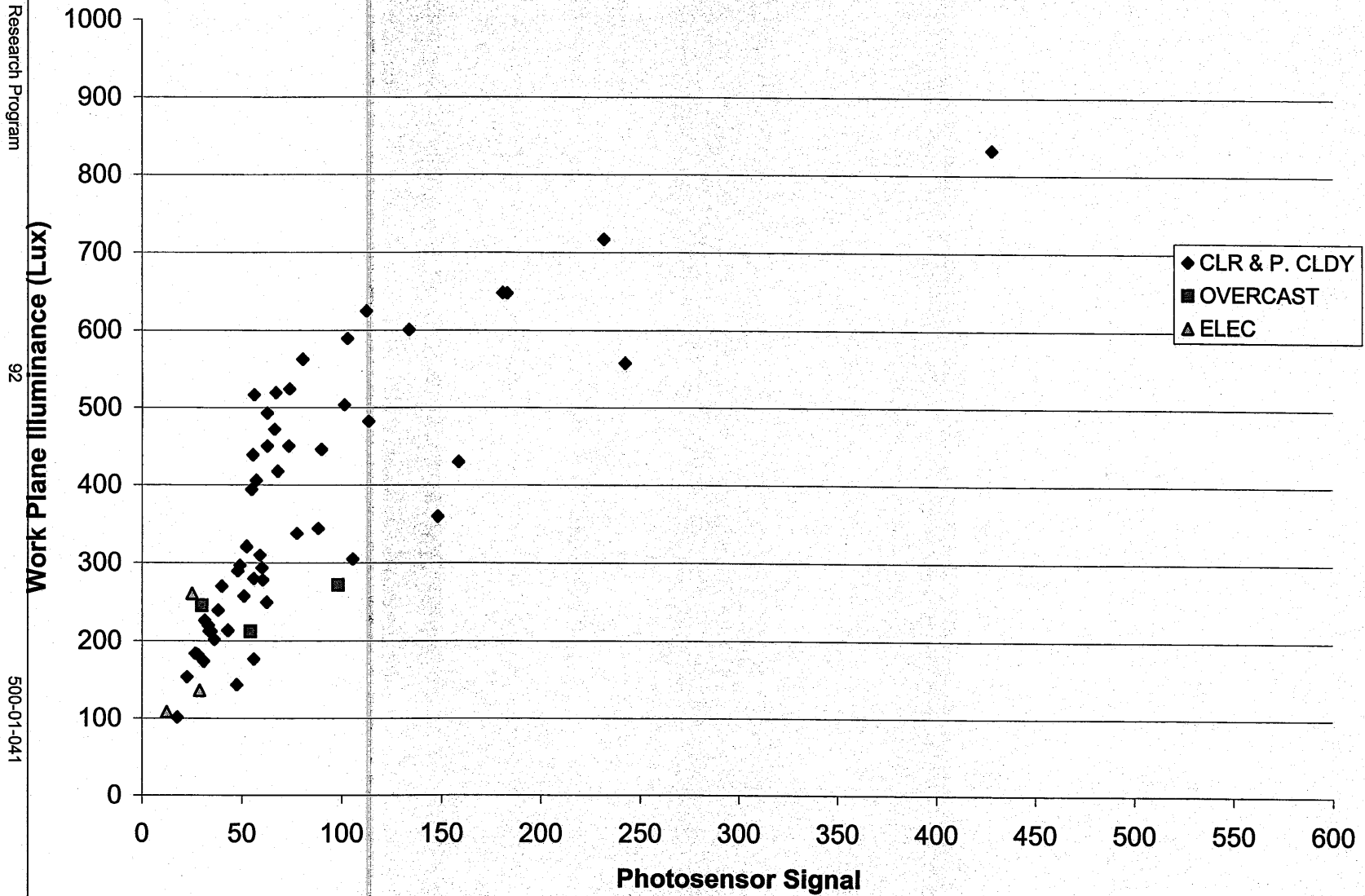


FIG. A. 4.45COS.V3: Workplane illuminance versus photosensor signal for Classroom 4 with a 45cos sensor at View #3

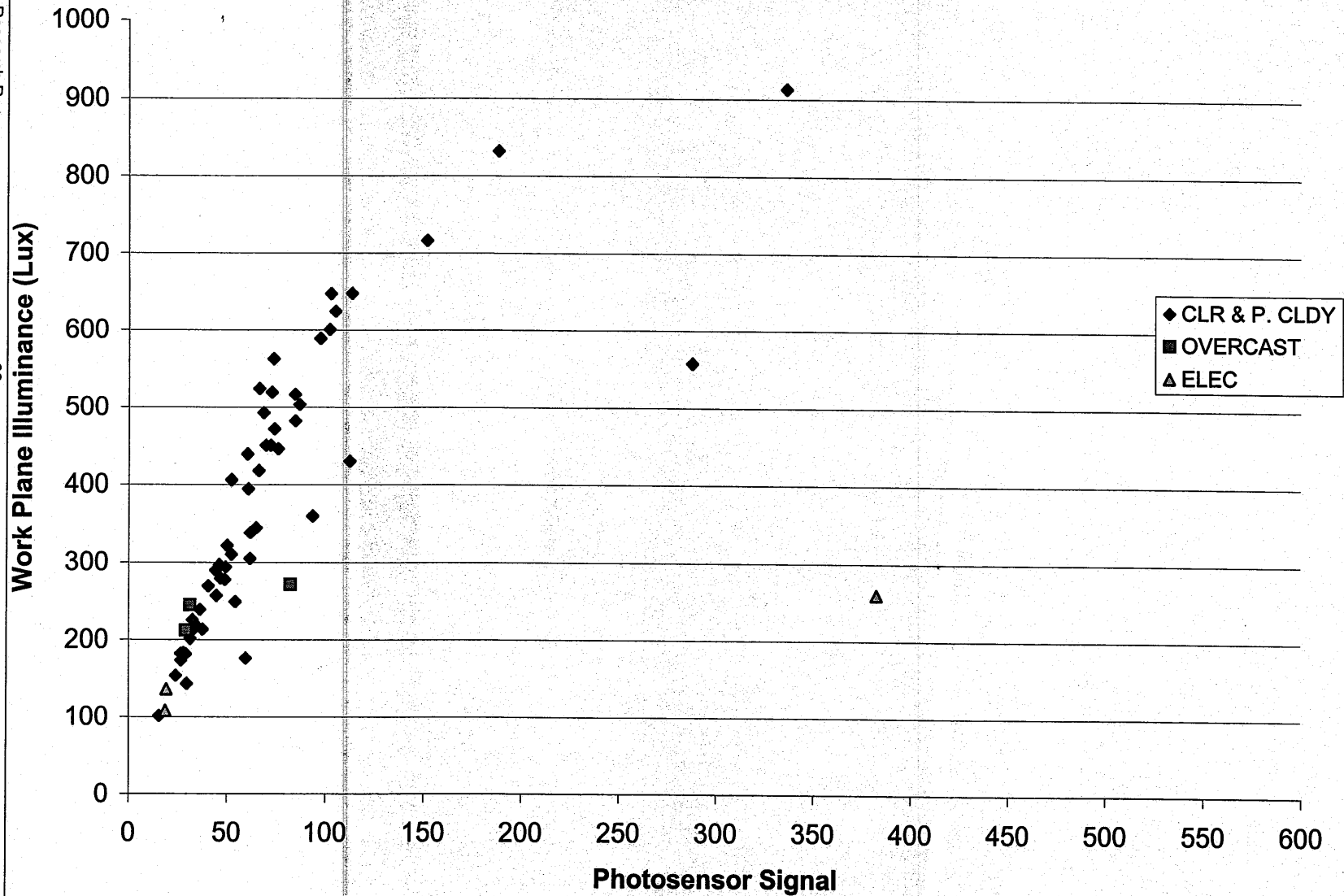


FIG. A. 4.45COS.V4: Workplane illuminance versus photosensor signal for Classroom 4 with a 45cos sensor at View #4

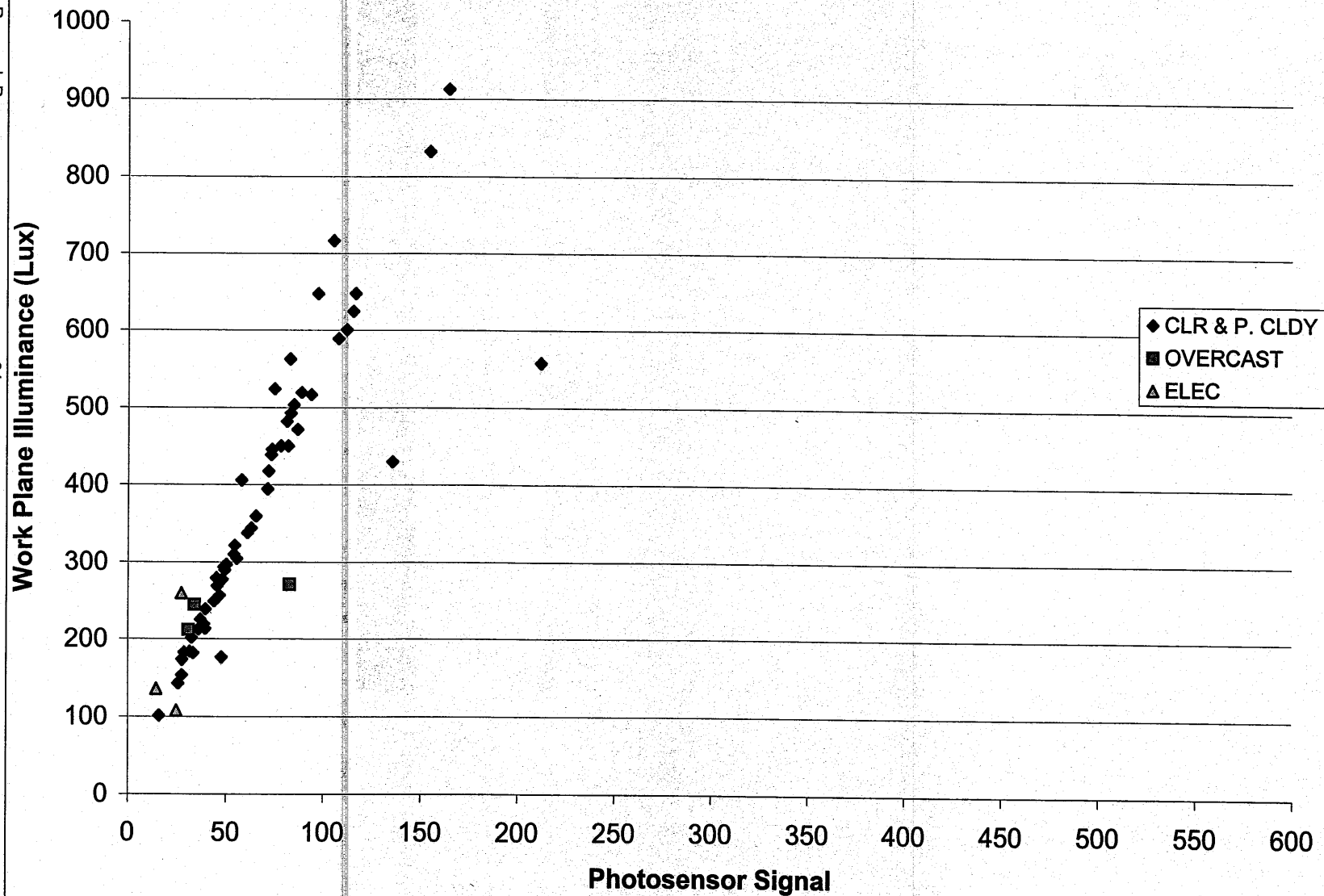


FIG. A. 4.55COS.V1: Workplane illuminance versus photosensor signal for Classroom 4 with a 55cos sensor at Position #1

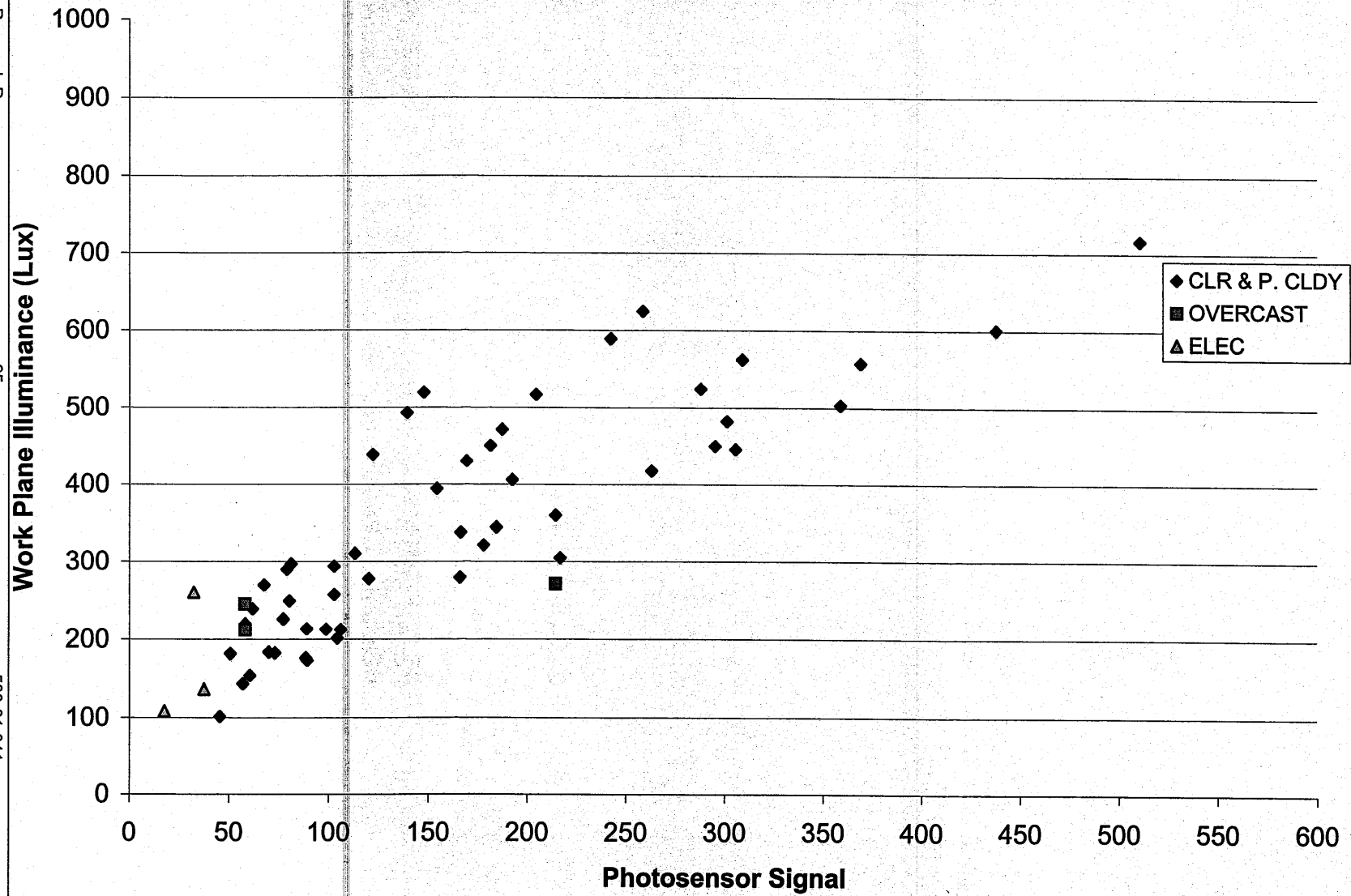


FIG. A. 4.55COS.V2: Workplane illuminance versus photosensor signal for Classroom 4 with a 55cos sensor at Position #2

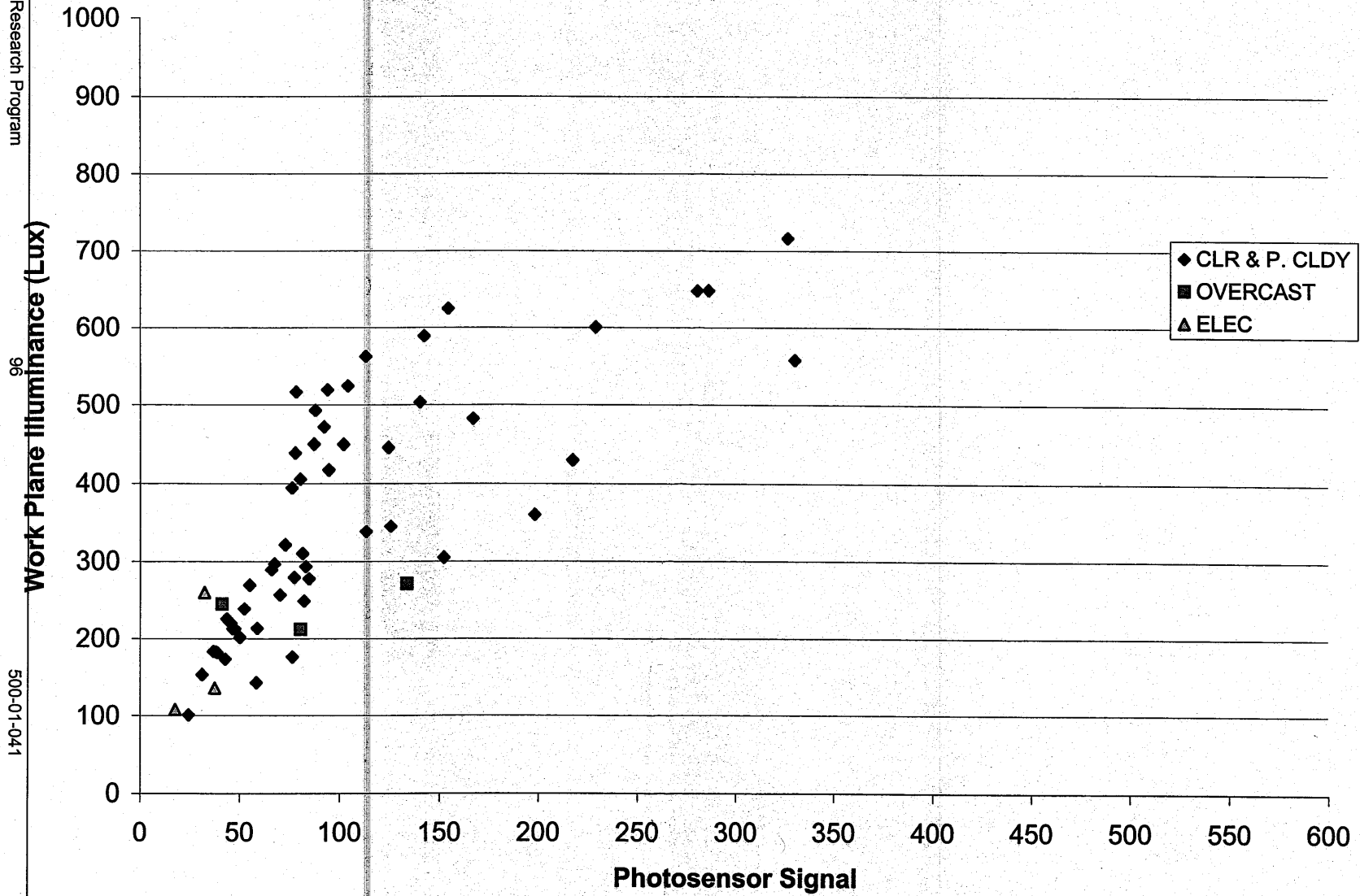


FIG. A. 4.55COS.V3: Workplane illuminance versus photosensor signal for Classroom 4 with a 55cos sensor at Position #3

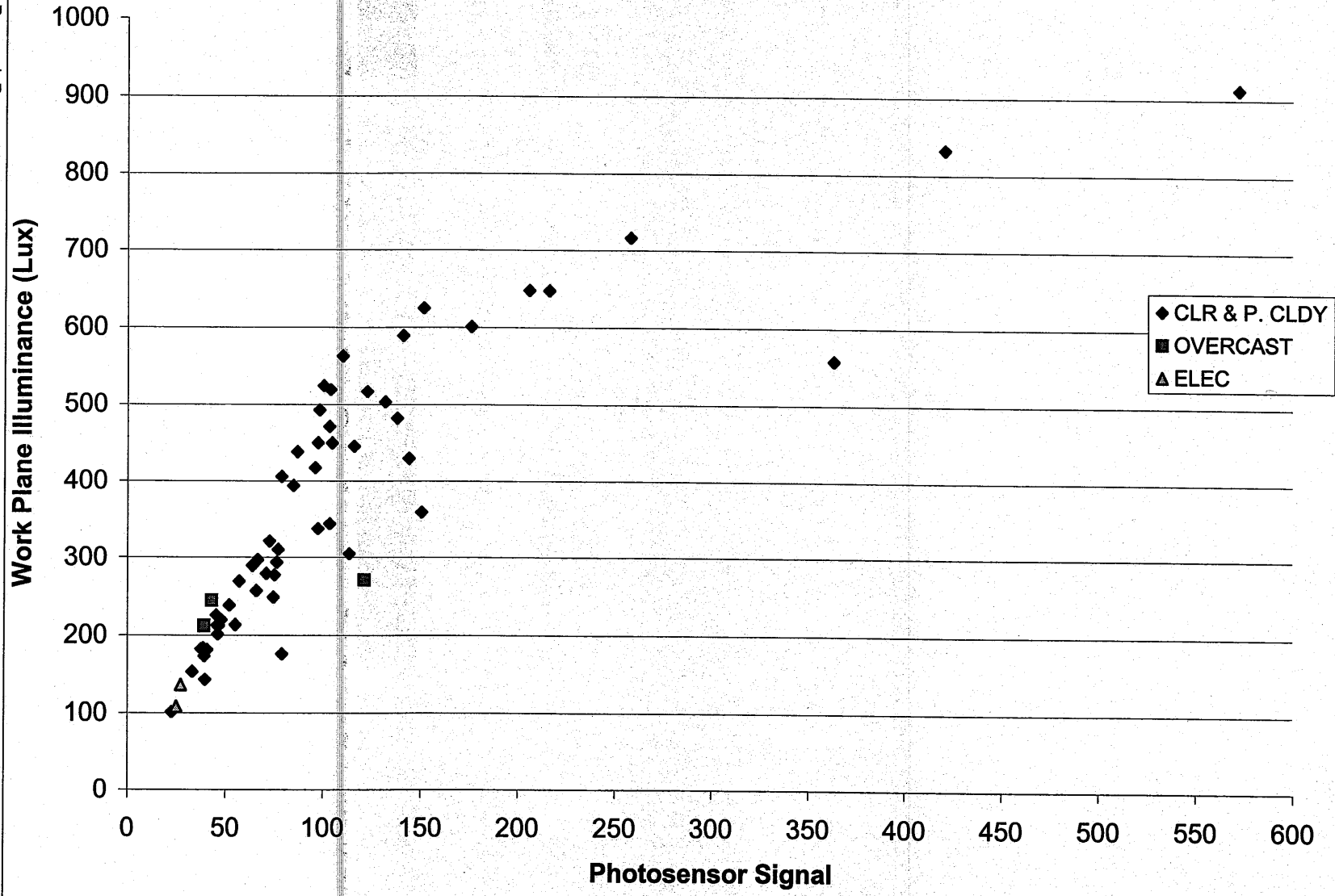


FIG. A. 4.55COS.V4: Workplane illuminance versus photosensor signal for Classroom 4 with a 55cos sensor at Position #4

